Naunyn-Schmiedeberg's

Archives of Pharmacology

General Index for Volumes

301 (1977/78) – 320 (1982)

Editors
N.-E. Andén, Uppsala · **J. R. Fozard, Strasbourg** · **S. Garattini, Milano** · **G. Hertting, Freiburg i. Br.** · **A. Herz, München** · **H. Kosterlitz, Aberdeen** · **S. Z. Langer, Paris** · **D. Neubert, Berlin** · **D. Palm, Frankfurt/Main** · **K.-H. Rahn, Maastricht** · **M. Reiter, München** · **U. Schwabe, Bonn** · **K. Starke, Freiburg i. Br.**

Managing Editor
U. Trendelenburg, Würzburg

Advisory Editors
L. Ahtee, Helsinki · H. Blaschko, Oxford · A. F. Brading, Oxford · H. Coper, Berlin · F. Ebner, München · G. Engel, Basel · J. Engel, Göteborg · W. Forth, München · M. Frimmer, Giessen · H. Glossmann, Giessen · J. Glowinski, Paris · M. Göthert, Essen · K.-H. Graefe, Wuppertal · F. Gross, Heidelberg · E. Habermann, Giessen · W. Haefely, Basel · W. Hasselbach, Heidelberg · A. Hasselblatt, Göttingen · G. Häusler, Basel · O. Heidenreich, Aachen · P. Heistracher, Wien · H. Herken, Berlin · P. Honerjäger, München · L. L. Iversen, Cambridge · I. Jurna, Homburg/Saar · G. F. Kahl, Mainz · H. Kewitz, Berlin · H. Kilbinger, Mainz · W. Kukovetz, Graz · F. Lembeck, Graz · K. Löffelholz, Mainz · E. Markwardt, Erfurt · H.-J. Merker, Berlin · E. Muscholl, Mainz · K. J. Netter, Marburg/Lahn · R. Niedergerke, London · L. Oreland, Umeå · B. A. Peskar, Bochum · G. Peters, Lausanne · A. Philippu, Innsbruck · H. P. Rang, London · H. Reuter, Bern · W. Rummel, Homburg/Saar · H. Schmitt, Paris · H. Scholz, Hamburg · W. Schoner, Giessen · K. Schrör, Köln · H. J. Schümann, Essen · G. Schultz, Heidelberg · R. Schulz, München · D. F. Sharman, Cambridge · A. Stier, Göttingen · T. Svensson, Göteborg · H. Thoenen, Martinsried · V. Ulrich, Homburg/Saar · M. Vogt, Cambridge · W. Vogt, Göttingen · H. H. Wellhöner, Hannover · W. Zieglgänsberger, München

Springer International

Naunyn-Schmiedeberg's Arch Pharmacol (1982) 320:276–285

Author Index for Volumes 301 (1977/78)–320 (1982)

The first number is the volume number; the second refers to the first page of the article.

A

Abdel-Hamid M, 317, 262
Abdel-Hamid M, 319, 243
Abe H, 316, 262
Abe H, 320, 266
Abiko Y, 318, 340
Adamus A, 317,209
Adler-Graschinsky E, 302, 337
Adler-Graschinsky E, 303, 243
Aghajanian G K, 304, 255
Aghajanian G K, 317, 273
Ahnert G, 307, 151
Ahnert G, 307, 159
Ahnert-Hilger G, 316, 143
Ahtee L, 307, 51
Akera T, 302, 63
Akera T, 304, 157
Akera T, 304, 167
Akera T, 308, 81
Akera T, 314, 161
Akhtar M S, 307, 91
Akima M, 302, 55
Akiyama Y, 305, 123
Aktories K, 310, 113
Aktories K, 312, 167
Aktories K, 318, 241
Alander T, 312, 145
Alberts P, 308, 99
Albouz S, 317, 17
Alderdice M T, 316, 126
Alila A, 319, 95
Alkadhi K, 312, 117
Allikmets L H, 318, 36
Altiere R J, 316, 278
Amenta F, 313, 195
Ammon H P T, 307, 91
Ammon H P T, 317, 262
Ammon H P T, 319, 243
Anagnostopoulos T, 318, 135
Anden N E, 302, 133
Anden N E, 302, 299
Anden N E, 306, 263
Anden N E, 312, 145
Anderson W H, 303, 55
Anderson W H, 308, 117
Andersson R G G, 316, 190
Andrejak M, 314, 83
Andrejak M, 318, 288
Anhut H, 305, 247
Anhut H, 310, 53
Anhut H, 316, 59
Anhut H, 317, 154
Anno M, 316, 262
Antoni H, 317, 238
Anwer M S, 302, 19
Anwer M S, 302, 323
Anwer M S, 302, 329
Anwer M S, 303, 287
Anwer M S, 303, 299
Appel E, 315, 233
Araki H, 311, 79
Arbilla S, 306, 161
Arbilla S, 311, 45
Arbilla S, 312, 15
Arbilla S, 317, 31
Arbilla S, 320, 26
Argel M I, 317, 219
Argiolas A, 308, 155
Arichi S, 316, 262
Arichi S, 320, 266
Arlock P, 304, 27
Arndt J O, 307, 123
Arndt J O, 312, 57
Arnt J, 310, 43
Artaud F, 302, 313
Asakura M, 312, 19
Ashida K, 312, 193
Atkinson J, 313, 257
Attila L M J, 308, 165
Averesch H, 318, 330
Awad Al-Jeboory A, 305, 201
Awazi N, 303, 63
Awazi N, 306, 135
Azevedo I, 316, 120

B

Bacher S, 320, 63
Bacher S, 320, 67
Baer H P, 311, 105
Baer M, 317, 286
Bässmann H, 309, 203
Bäuerle U, 309, 137
Baggiolini M, 316, 186
Baillie T A, 314, 89
Balfagon G, 312, 239
Ban T, 309, 179
Ban T, 314, 67
Ban T, 317, 245
Bannon M J, 312, 37
Bannon M J, 312, 161
Bannon M J, 318, 374
Baraban J M, 317, 273
Barbey M, 310, 35
Barnett D B, 307, 227
Barranger J A, 319, 262
Barrio A, 313, 27
Bartfai T, 308, 99
Bartfai T, 317, 126
Bartfai T, 320, 3
Bartho L, 305, 75
Bartho L, 305, 83
Bartho L, 309, 77
Bashour F A, 303, 107
Baudry M, 308, 231
Bauer A C, 311, 193
Bauer V, 319, 108
Bauer V, 319, 115
Baumann J, 306, 85
Baumann J, 307, 73
Baumann N, 317, 173
Baumann N, 320, 26
Baumann P, 307, 115
Baumann P A, 317, 36
Bayer P, 315, 233
Bayer R, 310, 69
Beachler C W, 312, 271
Beani L, 318, 253
Beaujouan J C, 303, 279
Beck A, 320, 63
Beck O, 318, 49
Bednarczyk B, 319, 271
Belin M F, 309, 7
Bellemann P, 318, 1
Bemis K G, 320, 145
Bendotti C, 308, 159
Benes L, 319, 115
Benke T, 314, 281
Bennett J L, 304, 309
Benzing A, 309, 25
Beress L, 309, 165
Berger T, 303, 251
Berger T, 303, 257
Bernauer W, 305, 247
Bernauer W, 309, 83
Bertaccini G, 309, 65
Bertaccini G, 317, 225
Berthold R, 317, 277
Berthold R, 318, 319
Berti F, 305, 5
Beubler E, 305, 91
Beubler E, 305, 241
Beubler E, 306, 113
Beubler E, 308, 261
Beubler E, 311, 199
Beubler E, 313, 243
Bezekova M, 319, 115
Bianchi C, 318, 253
Bidder T G, 310, 227
Bigalke H, 303, 133
Bigalke H, 311, 33
Bigalke H, 312, 255
Bigalke H, 316, 135
Bigalke H, 316, 143
Bigalke H, 316, 244
Biggio G, 304, 5
Birnbaum L, 307, 1
Birnbaumer L, 303, 295
Biswas B, 303, 73
Bizzini B, 316, 244
Bläsig J, 304, 89
Bläsig J, 305, 1
Bläsig J, 309, 137
Blier P, 314, 123
Bligh J, 303, 263
Blinks J R, 311, 205
Blinks J R, 311, 219
Blinks J R, 311, 237
Bloch R, 319, 168
Blum U, 302, 165
Blum W, 315, 219
Blundell C, 305, 227
Blundell C, 312, 219
Blundell C, 313, 125
Bock K W, 304, 77
Bock K W, 310, 249
Bockaert J, 302, 313
Bockaert J, 309, 241
Böhme E, 306, 1
Bönisch H, 302, 263
Bönisch H, 303, 121
Bönisch H, 304, 147
Bönisch H, 306, 239
Böhnisch H, 310, 1
Bönisch H, 313, 199
Bönisch H, 314, 231
Bönner G, 313, 155
Bösche J, 320, 81
Böttcher J, 309, 203
Boettger H G, 310, 227
Boillat N, 313, 257
Boissier J R, 309, 241
Bolte H D, 317, 252
Bondiolotti G P, 320, 224
Boobis A R, 314, 89
Boonyaviroj P, 307, 39
Borbe H O, 314, 97
Borbe H O, 319, 172
Borbely A A, 305, 143
Borchard U, 312, 187
Borda E S, 313, 95
Borges D R, 309, 197
Borsini F, 308, 159
Borys H K, 320, 105
Boschek C B, 305, 253
Bossaller C, 306, 11
Bossert F, 310, 69
Bouma J M W, 304, 183
Bourdon R, 317, 173
Bourgoin S, 302, 313
Bourgoin S, 316, 311
Bousquet P, 319, 168
Boutry J M, 317, 173
Bouzouita K, 319, 178
Bradshaw C M, 320, 230
Brady R O, 319, 262
Bräutigam M, 315, 177
Bräutigam M, 320, 85
Bralet A M, 319, 40
Bralet J, 319, 40
Braly G, 319, 178
Branco D, 316, 120
Brandao F, 305, 37
Brandao F, 305, 185
Brandao F, 311, 1
Brandao F, 311, 9
Brandao F, 318, 83
Brandt W, 309, 109
Branisteanu D D, 308, 273
Branisteanu D D, 312, 117
Brantl V, 306, 301
Brasch H, 319, 161
Breyer-Pfaff U, 308, 1
Breyer-Pfaff U, 314, 61
Bridges J W, 311, 85
Briley M, 307, 223

Briley M, 312, 15
Briley M S, 313, 189
Briley M S, 317, 187
Brinkschulte M, 308, 1
Brinkschulte M, 314, 61
Brinkschulte-Freitas, M., 302, 11
Broadley K J, 315, 155
Broadley K J, 320, 240
Brodde O E, 302, 239
Brodde O E, 308, 191
Brodde O E, 311, 249
Brodde O E, 316, 24
Brodde O E, 316, 45
Brodde O E, 320, 152
Brodie M E, 313, 135
Brody T M, 302, 63
Brody T M, 304, 157
Brody T M, 304, 167
Brody T M, 308, 81
Brouwers H A A, 312, 123
Bruchhausen H von, 306, 85
Bruchhausen F von, 307, 73
Brücke T, 303, 235
Brückner R, 303, 205
Brückner R, 315, 147
Brückner-Schmidt R, 316, 1
Bruggencate G ten, 314, 141
Brune K, 315, 269
Bruno F, 305, 5
Bruns R F, 315, 5
Bryan L J, 307, 235
Bryan L J, 311, 139
Bryan L J, 315, 249
Buchar E, 303, 101
Buchheim S, 320, 201
Buckholtz N S, 314, 215
Buckle P J, 315, 211
Buckle P J, 316, 64
Buckle P J, 319, 130
Budzinski G, 313, 9
Büch O, 307, 115
Bunney B S, 304, 255
Bunney B S, 312, 37
Bunney E B, 312, 161
Bunney W E J jun, 307, 129
Bunsen E, 315, 163
Burckhardt G, 320, 196
Burger A, 315, 255
Burger A, 316, 69
Busch L C, 309, 287
Butcher L L, 313, 51
Buys C H C M, 304, 183
Bylund D B, 318, 313

C

Caldwell J H, 312, 271
Caldwell P B, 312, 271
Camargo A C M, 309, 197
Camden J, 318, 313
Camilion de Hurtado M C, 317, 219
Canga L, 313, 95
Cannon D, 305, 189
Cannon D E B, 307, 251
Caramona M M, 319, 121
Caratsch C G, 306, 17
Cardot A, 312, 23
Carla V, 305, 155
Carlsson A, 303, 73
Carlsson A, 303, 157
Carlsson A, 304, 95
Carlsson A, 305, 213
Carlsson A, 307, 51
Carlsson A, 310, 211
Carlsson A, 314, 47
Carlsson A, 316, 51
Carlsson A, 317, 165
Carlsson A, 317, 214
Carlsson E, 318, 185
Carmona E, 312, 51
Carmona E, 313, 221
Carruba M O, 309, 125
Carruba M O, 312, 229
Carter C J, 304, 135
Carter C J, 308, 51
Carter C J, 312, 235
Casamenti F, 316, 235
Castiglione R de, 312, 265
Casu M, 304, 5
Cavallotti C, 313, 195
Cazottes C, 309, 69
Cena V, 320, 255
Chah Q T, 319, 178
Chahl L A, 309, 159
Chahl L A, 314, 271
Chahl L A, 314, 277
Chahl L A, 319, 212
Chanton C, 317, 286
Charbon G A, 312, 123
Charrier A, 313, 205
Cheney D L, 304, 107
Cheney D L, 304, 263
Chermat R, 318, 94
Chhatwall G S, 319, 101
Chiu S, 313, 45
Christensen H D, 307, 45
Christensen H D, 320, 58
Chubb J, 308, 81
Cingolani H E, 317, 219
Clark W G, 312, 43
Claudet H G A, 307, 79
Clausing R, 320, 38
Clevers J, 317, 331
Cohen M L, 320, 145
Cole J J, 320, 221
Conca W, 320, 63
Conca W, 320, 67
Conci F, 318, 368
Constantine J W, 314, 149
Constantine J W, 317, 5
Constantopoulos G, 319, 262
Corda M G, 304, 5
Corder C N, 307, 191
Corradetti R, 316, 235
Coruzzi G, 317, 225
Costa E, 304, 107
Costa E, 304, 263
Costa M, 306, 195
Costa M, 307, 57
Costall B, 319, 8
Costall B, 319, 226
Couturier E, 312, 277
Coyle J T, 304, 231
Crabbe J C, 312, 209
Cretet E, 313, 119
Cross A J, 306, 275
Cuello A C, 306, 37
Cuello A C, 315, 185
Culp P A, 307, 191
Cummins J T, 310, 227
Czygan P, 320, 81

D

Dabire H, 318, 288
Dahlöf C, 317, 26
Dal Bello A, 315, 1
Dal Brun G, 313, 171
Daly J W, 302, 141
Damerau B, 302, 45
Damerau B, 305, 181
Daniel W, 317, 209
Darius H, 316, 252
Dausse J P, 312, 23
Dausse J P, 316, 42
Davidson R, 318, 83
Davies D S, 314, 89
Davis J M, 306, 287
Dawbarn D, 318, 100
De Wied D, 302, 31
Deckers-Schmelzle B, 303, 303
Dedek J, 320, 26
Del Tacca M, 302, 293
Delft A M Lvan, 319, 48
Delini-Stula A, 307, 115
Delini-Stula A, 311, 185
Delini-Stula A, 316, 225
Demarinis R M, 318, 267
Dembinska-Kiec A, 308, 107
Dembinska-Kiec A, 309, 59
Dembinska-Kiec A, 311, 67
Derache R, 309, 69
Descotes J, 313, 237
Dhawan B N, 318, 38
DiChiara G, 306, 153
Dietl H, 308, 143
Dietl H, 308, 137
Dietl H, 310, 237
Dietmann K, 302, 87
Dietz J, 305, 41
Dietz J, 317, 294
Dijkstra D, 310, 219
Dijkstra D, 313, 213
Dijkstra D, 316, 304
Dimpfel W, 303, 133
Dinnendahl V, 306, 169
Doare L, 318, 94
Docherty J R, 309, 225
Docherty J R, 312, 107
Docherty J R, 313, 101
Docherty J R, 317, 5
Doggrell S A, 305, 103
Doi T, 317, 135
Doi T, 319, 154
Donnerer J, 312, 131
Donnerer J, 316, 165
Donnerer J, 316, 240
Donnerer J, 317, 67
Donnerer J, 320, 54
Dorsch W, 317, 351
Douglas J S, 316, 278
Douglas W W, 302, 153
Downes H, 315, 15
Downey H F, 303, 107
Drago F, 315, 1
Dreesen R, 320, 85
Dresse A, 319, 66
Drew G M, 314, 249
Drew G M, 319, 222
Dreyer F, 311, 33
Dreyer F, 317, 326
Dubocovich M L, 314, 17
Dubois G, 317, 173
Dührsen U, 308, 9
Duka T, 309, 1
Dulska E, 302, 123
Duncan C J, 305, 159
Duncan C J, 308, 179
Duncan C J, 315, 29
Duncan C J, 315, 77
Dunstan R, 303, 153
Dunwiddie T V, 309, 131
Dunwiddie T V, 316, 326
Dunwiddie T V, 318, 259

E

Ebner F, 303, 1
Ebner F, 303, 111
Ebner F, 307, 99
Ebner F, 307, 105
Ebner F, 309, 109
Ebner F, 316, 8
Ebner F, 316, 96
Ebner F, 318, 121
Eden S, 317, 214
Ehara T, 315, 47
Eichbaum F W, 307, 185
Eigenbrodt E, 317, 100
Elghozi J L, 316, 42
Emson P C, 304, 271
Emson P C, 306, 281
Ender H P, 317, 310
Endoh M, 302, 235
Endoh M, 306, 241
Endoh M, 312, 175
Endoh M, 318, 370
Engberg G, 317, 26
Engel G, 317, 277
Engel G, 318, 319
Engels J, 310, 103
Erdmann E, 307, 65

Erdmann E, 315, 147
Eriksson T, 314, 47
Eriksson T, 317, 165
Eriksson T, 317, 214
Erjavec F, 317, 67
Ernst S A, 317, 90
Erspamer V, 311, 61
Erspamer V, 312, 265
Ertl G, 308, 265
Essen H van, 309, 13
Estler C J, 302, 119
Euvrard C, 309, 241
Evans M, 310, 227
Evans M A, 315, 63

F

Fadda F, 308, 155
Fahn S, 320, 34
Fahrenkrug J, 306, 281
Fain J N, 306, 179
Falconer I R, 317, 268
Falconieri Erspamer G, 311, 61
Falconieri-Erspamer G, 312, 265
Famaey J P, 302, 51
Famaey J P, 309, 191
Famaey J P, 313, 165
Farack U M, 317, 178
Fasold H, 304, 303
Fasold H, 319, 249
Fasold H, 319, 254
Faucon G, 313, 237
Faucon G, 319, 178
Faulstich H, 307, 283
Faulstich H, 320, 196
Fawaz G, 310, 139
Fawaz G, 314, 171
Feenstra M G P, 310, 219
Feenstra M G P, 313, 213
Fehske K J, 313, 159
Fehske K J, 314, 97
Fehske K J, 319, 172
Feldman J, 319, 168
Fellenius E, 318, 185
Felner S, 311, 185
Ferraris A, 308, 159
Fetterer R, 304, 309
Fiebig E R, 303, 21
Fiebig E R, 303, 37
Fiedler V B, 317, 71
Fiedler V B, 320, 201
Filinger E J, 304, 21
Flasch H, 303, 181
Flasch H, 304, 37
Flasch H, 310, 147
Fleig H, 314, 237
Florjanc-Irman T, 317, 67
Flosbach C W, 315, 177
Förster W, 317, 78
Förstermann U, 307, 243
Förstermann U, 312, 245
Foley J J, 318, 267
Folkers K, 305, 213
Fontaine J, 302, 51
Fontaine J, 309, 191
Fontaine J, 313, 165
Forster C, 319, 12
Forth W, 311, 273
Fowler J, 311, 263
Fowler C J, 313, 77
Fowler C J, 316, 51
Fox A A L, 312, 187
Fozard J R, 307, 135
Fozard J R, 320, 72
Franco R, 306, 195
Franco R, 307, 57
Frank H, 314, 89
Fredholm B B, 316, 112
Fredholm B B, 316, 326
Freedman R, 315, 203
Freistühler J, 316, 24
Frens J, 303, 263
Frens J, 306, 61
Frey L, 317, 351
Freye E, 307, 123
Frias J, 320, 255
Fricke U, 303, 197
Frimmer M, 304, 303
Frimmer M, 305, 253
Frimmer M, 306, 295
Frimmer M, 307, 275
Frimmer M, 310, 245
Frimmer M, 311, 91
Frimmer M, 313, 85
Frimmer M, 317, 364
Frimmer M, 319, 87
Frimmer M, 319, 249
Frimmer M, 319, 254
Fritsch P, 309, 69
Fry J R, 311, 85
Fry J P, 313, 145
Fuchs M, 308, 265
Fuder H, 305, 109
Fuder H, 316, 31
Fuder H, 318, 210
Fuder H, 318, 301
Fujiwara M, 312, 193
Fujiwara M, 319, 1
Furmanczyk A, 313, 9
Furness J B, 306, 195
Furness J B, 307, 57
Furukawa T, 316, 155
Furukawa T, 317, 149

G

Gaetano G de, 312, 85
Gaginella T S, 319, 18
Gallager D W, 307, 129
Galvan M, 314, 141
Gamse R, 305, 9
Gamse R, 305, 17
Gamse R, 306, 37
Gamse R, 306, 45
Gamse R, 308, 281
Gamse R, 315, 185
Gamse G, 316, 38
Gamse R, 317, 140
Gamse R, 320, 205
Ganten D, 303, 15
Garattini S, 308, 159
Garcia A G, 320, 255
Garcia de Yebenes Prous J, 304, 95
Garcia-Sevilla J A, 305, 213
Garcia-Sevilla J A, 310, 211
Garland L G, 318, 88
Gebauer H, 317, 61
Geller H M, 304, 81
Genc E, 317, 44
Georg K J, 312, 91
Gerold M, 310, 155
Gessa G L, 304, 5
Gessa G L, 306, 153
Gessa G L, 308, 155
Gessner G, 313, 263
Gessner G, 319, 22
Gherezghiher T, 320, 58
Ghirardi P, 302, 73
Giachetti A, 303, 107
Gibb J W, 310, 185
Gibbins I L, 317, 331
Gillis C N, 316, 278
Gilmour D P, 311, 219
Gimeno A L, 313, 27
Giorgi O, 318, 14
Giotti A, 305, 155
Glossmann H, 304, 51
Glossmann H, 305, 191
Glossmann H, 306, 67
Glossmann H, 307, 151
Glossmann H, 307, 159
Glossmann H, 308, 223
Glossmann H, 312, 105
Glossmann H, 314, 101
Glossmann H, 317, 100
Glossmann H, 318, 1
Glowinski J, 302, 313
Glowinski J, 303, 279
Glowinski J, 310, 25
Görich R, 318, 308
Göthert M, 307, 21
Göthert M, 307, 29
Göthert M, 308, 9
Göthert M, 310, 11
Göthert M, 310, 93
Göthert M, 313, 21
Göthert M, 314, 223
Göthert M, 317, 199
Göthert M, 317, 204
Göthert M, 317, 310
Göthert M, 320, 38
Goldberg L I, 318, 166
Golembrowska-Nikitin K, 302, 123
Golembrowska-Nikitin K, 319, 140
Gomes C, 302, 299
Gomes C, 312, 51
Gomes C, 313, 221
Gomez B, 312, 239
Gomez-Dumm G L A, 319, 136
Gonnard P, 309, 7
Gorgone G, 315, 1
Grabowska-Anden M, 312, 145
Grace A A, 312, 37
Graefe K H, 302, 207
Graefe K H, 302, 263
Graefe K H, 304, 147
Graefe K H, 305, 51
Graefe K H, 309, 89
Graefe K H, 309, 99
Graefe K H, 318, 71
Grafe P, 314, 141
Graham R M, 311, 129
Gramatzki S, 313, 175
Granata A R, 313, 27
Greenaway H C, 315, 77
Greff K, 312, 187
Greven J, 304, 283
Greven J, 304, 289
Grieshaber S, 320, 78
Grimm A, 307, 91
Grol C J, 310, 219
Grol C J, 313, 213
Gross F, 303, 15
Gross F, 313, 155
Gross F, 315, 227
Gross G, 311, 249
Groß G, 315, 103
Groß G, 316, 45
Groß G, 317, 159
Groß G, 317, 310
Gross M, 312, 91
Gruber M, 304, 183
Grünefeld E, 305, 181
Grundmann E, 304, 303
Grundmann E, 305, 253
Grundmann E, 306, 295
Grundmann E, 317, 364
Gryglewski R J, 302, 25
Gryglewski R J, 304, 45
Grynfarb M, 320, 3
Grzanna R, 304, 231
Günther C, 320, 175
Günther R, 310, 79
Guilherme Monteiro J, 311, 9
Guimaraes J A, 309, 197
Guimaraes S, 303, 221
Guimaraes S, 305, 185
Guimaraes S, 316, 195
Guimaraes S, 316, 200
Guimarese S, 311, 1
Guldberg H C, 303, 63
Guldberg H C, 306, 135
Gullberg B, 304, 27
Gulliver P A, 320, 182
Gumulka S W, 306, 169
Gunning S J, 319, 226
Gutman Y, 307, 39

H

Haap K, 316, 178
Haas J A, 317, 86
Haas W, 302, 217
Habermann E, 303, 133
Habermann E, 307, 151

Habermann E, 307, 159
Habermann E, 309, 165
Habermann E, 311, 33
Habermann E, 312, 255
Habermann E, 316, 135
Habermann E, 316, 143
Habermann E, 316, 244
Habermann E, 318, 105
Habermann E, 319, 101
Hack U, 312, 139
Hackbarth I, 303, 205
Hackenthal E, 319, 239
Hackl J M, 303, 235
Häberle D A, 306, 287
Haefely W, 316, 317
Haeusler G, 310, 155
Haeusler G, 314, 111
Häusler R, 315, 255
Hagenloh I, 319, 243
Hagman M, 317, 165
Hagman M, 317, 214
Hagmüller K, 308, 55
Hahn R A, 314, 177
Hajdu P, 315, 233
Halbach S, 318, 121
Halbhübner K, 304, 317
Hammerle A F, 303, 235
Hamon M, 302, 313
Hamon M, 310, 25
Hamon M, 316, 311
Handa Y, 318, 330
Hanke J, 307, 171
Hanley M R, 318, 281
Hano J, 319, 271
Haracz J, 313, 131
Harvey A L, 312, 1
Hashimoto K, 307, 9
Hasselblatt A, 306, 185
Haulica I D, 308, 273
Hauswirth O, 307, 9
Hauswirth O, 310, 79
Hautmann R, 304, 277
Hauwo J J, 317, 173
Havemann U, 302, 103
Havemann U, 313, 139
Havemann U, 317, 44
Havemann U, 317, 321
Havemann U, 318, 143
Havemann U, 320, 101
Havlicek V, 319, 78
Hawthorn M H, 320, 240
Hayashi T, 316, 331
Hedberg A, 318, 185
Hedler L, 314, 1
Hedler L, 317, 193
Hedler L, 319, 125
Hedlund B, 317, 126
Hedlund B, 320, 3
Hedner J, 317, 315
Hegner D, 302, 19
Hegner D, 302, 323
Hegner D, 302, 329
Hegner D, 303, 287
Hegner D, 303, 299
Heidenreich O, 304, 283
Heidenreich O, 304, 289
Heidenreich O, 309, 287
Heidenreich O, 318, 363
Heidland A, 302, 341
Heinemeyer G, 313, 175
Heinemeyer G, 314, 201
Heintze K, 309, 287
Heintze K, 318, 363
Heintze K, 318, 358
Heinz G, 306, 97
Heinz G, 309, 145
Heinz N, 303, 181
Heinz N, 304, 37
Heinz N, 310, 147
Heinzl S, 319, 243
Heller I, 316, 135
Heller I, 316, 244
Helmeste D M, 305, 207
Hempel K, 302, 341
Henderson E G, 312, 117
Hennekes R, 306, 209
Henning M, 318, 62
Hennings G, 306, 287
Henry J F, 313, 189
Henseling M, 302, 181
Henseling M, 302, 195
Henseling M, 302, 207
Herbet A, 310, 25
Herken H, 304, 317
Herken H, 305, 117
Herken H, 311, 53
Herken H, 315, 177
Herken H, 320, 85
Hermansson L E, 318, 62
Herrling P L, 320, 20
Herrmann M, 303, 139
Hertting G, 305, 27
Hertting G, 306, 275
Hertting G, 307, 243
Hertting G, 310, 53
Hertting G, 314, 129
Hertting G, 315, 111
Hertting G, 316, 1
Hertting G, 316, 59
Hertting G, 317, 154
Hery F, 302, 313
Herz A, 303, 171
Herz A, 304, 89
Herz A, 305, 1
Herz A, 306, 93
Herz A, 308, 255
Herz A, 309, 1
Herz A, 309, 137
Herz A, 310, 203
Herz A, 313, 145
Herz A, 319, 142
Herz A, 319, 147
Heuberger S, 316, 172
Heyck Cohnitz C, 303, 229
Hieble J P, 309, 217
Hieble J P, 318, 267
Hilbig G, 307, 287
Hildebrandt A G, 313, 175
Hildebrandt A G, 314, 201
Hillegass L, 319, 22
Himori N, 316, 19
Hirai M, 312, 19
Hiraoka M, 317, 339
Hjemdahl P, 316, 112
Hodge G K, 313, 51
Höfeler H, 307, 171
Höfling B, 317, 252
Höllerhage H G, 302, 45
Höllt V, 303, 171
Hörtnagl H, 303, 235
Hörtnagl H, 320, 110
Hoffer B J, 304, 81
Hoffer B J, 309, 131
Hoffer B J, 315, 37
Hoffer B, 315, 203
Hoffer B J, 316, 326
Hoffer B J, 318, 259
Hoffmann I, 315, 111
Hoffmann P, 317, 78
Hogenboom F, 303, 193
Holl J E, 318, 336
Holmstedt B, 308, 61
Holzer P, 305, 9
Holzer P, 307, 257
Holzer P, 308, 55
Holzer P, 308, 281
Holzer P, 310, 169
Holzer P, 310, 175
Holzer P, 312, 131
Holzer P, 315, 185
Holzer P, 317, 67
Holzer P, 317, 140
Holzer P, 320, 217
Holzmann S, 310, 129
Holzmann S, 319, 29
Homburger H, 317, 238
Hondeghem L M, 313, 11
Honecker H, 305, 135
Honecker H, 310, 35
Honegger C G, 310, 87
Honerjäger P, 314, 157
Honerjäger P, 318, 112
Honma M, 306, 241
Honma S, 316, 19
Horn A S, 310, 219
Horn A S, 313, 213
Horn A S, 316, 304
Horn P T, 318, 166
Hornbrook K R, 310, 97
Hornung R, 308, 223
Hornung R, 312, 105
Hornung R, 314, 101
Horowski R, 306, 147
Howlett D R, 307, 227
Hoyer D, 317, 277
Hoyer D, 318, 319
Hrstka E, 302, 87
Huck S, 308, 77
Huck S, 317, 51
Hughes P J, 320, 182
Huss R, 312, 77
Huth H, 313, 21
Huth H, 317, 199
Hynie S, 310, 231

I

Igarashi T, 305, 123
Iijima T, 312, 27
Ikushima S, 312, 193
Improta G, 312, 265
Inazawa M, 315, 47
Innemee H C, 316, 294
Inoki R, 306, 29
Inoue K, 312, 57
Inui J, 318, 330
Inui J, 320, 152
Ishimori T, 316, 19
Ito Y, 311, 159
Ittah Y, 320, 45
Iven H, 312, 63
Iversen L L, 304, 141
Iversen L L, 304, 271
Iversen L L, 306, 281
Iversen L L, 318, 281
Izumi A, 316, 19
Izumi T, 318, 340

J

Jackisch R, 305, 233
Jackisch R, 306, 275
Jackisch R, 314, 129
Jackisch R, 315, 111
Jackisch R, 316, 1
Jackson D M, 303, 153
Jacoby J H, 307, 143
Jacquot C, 313, 119
Jähnchen E, 313, 159
Jagenburg R, 317, 165
Jagenburg R, 317, 214
Jakobs K H, 302, 285
Jakobs K H, 306, 119
Jakobs K H, 310, 113
Jakobs K H, 310, 121
Jakobs K H, 312, 167
Jakobs K H, 318, 241
Jancso G, 311, 285
Jancso G, 313, 91
Jansco-Gabor A, 311, 285
Jancso-Gabor A, 313, 91
Jaramillo J, 302, 107
Jessell T M, 304, 271
Jiang D, 320, 34
Jilg B, 315, 139
Johansson P, 318, 62
Johansson S R M, 316, 190
John C, 317, 326
John F, 309, 29
Jonason J, 317, 315
Jonen H G, 304, 297
Jonen H G, 315, 167
Jonge Ade, 316, 294

Jonge Ade, 316, 288
Jonge Ade, 317, 8
Jonsson G, 318, 49
Joost H G, 306, 185
Jou J J, 315, 195
Juan H, 307, 177
Juan H, 317, 345
Juan H, 305, 91
Juan H, 305, 241
Juan H, 312, 139
Juan H, 314, 183
Junker D, 315, 229
Jurkiewicz A, 318, 202
Jurna I, 316, 149
Jurna I, 317, 135
Jurna I, 319, 154
Jurna I, 306, 97
Jurna I, 309, 145
Just C, 308, 171

K

Kacz D, 316, 56
Kahl G F, 303, 303
Kahl G F, 304, 297
Kahl R, 303, 303
Kahl R, 304, 297
Kahl R, 310, 249
Kaiser G, 303, 145
Kaiser G, 305, 41
Kaiser G, 317, 294
Kalkman H O, 316, 288
Kallenberger H M, 319, 243
Kamata M, 311, 159
Kamioka T, 305, 219
Kappus H, 310, 241
Karaki H, 304, 203
Karduck W, 316, 205
Karema E, 305, 65
Karlen B, 308, 61
Karler R, 320, 105
Karlsson E, 312, 1
Kato E, 308, 111
Kato N, 319, 78
Kato R, 308, 249
Kato R, 313, 151
Kato R, 318, 181
Kato R, 320, 170
Kaufmann R, 302, 217
Kaumann A J, 303, 295
Kaumann A J, 305, 97
Kaumann A J, 306, 209
Kaumann A J, 307, 1
Kaumann A J, 311, 205
Kaumann A J, 311, 219
Kaumann A J, 311, 237
Kaumann A J, 313, 1
Kaumann A J, 317, 13
Kaumann A J, 317, 19
Kaumann A J, 318, 192
Kaumann A J, 319, 216
Kaumann A J, 320, 119
Kaumann A J, 320, 130
Kautz U, 317, 178
Kawashima H, 305, 123
Kawazu S, 312, 277
Kehr W, 304, 317
Kehr W, 316, 299
Kehr W, 318, 19
Kehr W, 318, 29
Keller B, 302, 263
Keller B, 309, 89
Keller K, 305, 117
Keller K, 311, 53
Kemper R, 303, 95
Kenakin T P, 316, 89
Kentera D, 303, 47
Kerr D I B, 317, 257
Keulemans G T P, 302, 1
Kiffe H, 310, 59
Kiianmaa K, 308, 165
Kilbinger H, 309, 255
Kilbinger H, 314, 259
Kilbinger H, 316, 131
Kilbinger H, 318, 308
Kilbinger H, 319, 231
Kintz J, 315, 83
Kiprov D, 317, 78
Kiraly E, 313, 91
Kirchner F, 317, 51
Kishimoto T, 312, 199
Kishimoto T, 315, 69
Kitagawa K, 314, 211
Kitamura K, 311, 159
Klaus E, 303, 303
Klein H, 304, 289
Kleinrok Z, 314, 37
Kleinstein J, 305, 191
Klenerova V, 310, 231
Klotz U, 307, 167
Knebel W, 317, 154
Knepel W, 316, 59
Knorr A, 302, 333
Knorr A, 312, 99
Ko W C, 315, 195
Kobinger W, 306, 255
Kobinger W, 315, 21
Kobinger W, 317, 180
Kobinger W, 320, 110
Koch K, 302, 87
Koella W P, 303, 165
Koga Y, 315, 15
Kogan F J, 310, 185
Kohler L, 313, 257
Kohlhardt M, 315, 55
Kohlhardt M, 316, 178
Kohli J D, 318, 166
Kojima M, 309, 179
Kojima M, 314, 67
Kolasiewicz W, 317, 54
Kommerell B, 320, 81
Komp B, 311, 273
Kondo K, 308, 111
Konings F, 317, 97
Konishi K, 308, 111
Kopec P, 304, 211
Korbut R, 302, 25
Korbut R, 304, 45
Korth M, 302, 77
Korth M, 303, 7
Korth M, 310, 103
Kos M C, 309, 235
Koss M C, 314, 135
Koss M C, 320, 58
Koss M G, 307, 45
Kosterlitz H W, 319, 197
Kotani Y, 306, 29
Kouyoumdjian J C, 309, 7
Kozaki S, 308, 67
Krantis A, 317, 257
Kraupp O, 304, 249
Kraupp O, 314, 281
Kraupp O, 319, 34
Kraupp O, 320, 67
Krawietz W, 315, 147
Krebs R, 307, 213
Kremer G, 305, 41
Kreye V A W, 306, 1
Kreye V A W, 306, 203
Kreye V A W, 320, 260
Krieglstein J, 307, 171
Krieglstein J, 318, 56
Kroker R, 302, 19
Kroker R, 302, 323
Kroker R, 303, 287
Kroker R, 303, 299
Kromer W, 309, 153
Kromer W, 314, 191
Kruel R, 316, 131
Kruel R, 319, 231
Krzanowski J J, 303, 55
Krzanowski J J, 308, 117
Ku D D, 302, 63
Ku D D, 304, 167
Kubo T, 306, 81
Kubo T, 317, 120
Kudo T, 306, 29
Kuhlmann J, 307, 65
Kuhn A, 313, 69
Kukovetz W R, 310, 129
Kukovetz W R, 319, 29
Kullmann R, 312, 77
Kurahashi K, 311, 17
Kurahashi K, 314, 237
Kurijama H, 311, 159
Kuriyama H, 319, 108
Kuriyama H, 319, 115
Kusaka Y, 314, 211
Kuschinsky K, 302, 103
Kuschinsky K, 308, 149
Kuschinsky K, 313, 139
Kuschinsky K, 317, 44
Kuschinsky K, 317, 321
Kuschinsky K, 318, 143
Kuschinsky K, 320, 101
Kushiku K, 317, 149
Kutz K, 308, 171
Kwa K Y, 310, 189
Kwok Y H, 316, 161
Kwok Y H, 320, 14

L

LaBella F S, 319, 78
Lachapelle F, 318, 94
Lackner D, 316, 38
Lam C, 313, 11
Lam E, 306, 127
Lambert J J, 312, 117
Lange K, 305, 117
Lange K, 311, 53
Langeloh A, 318, 202
Langen C D J de, 303, 193
Langen C D J de, 308, 31
Langen C D J, de 308, 41
Langen C D J de, 311, 169
Langer J, 308, 149
Langer S Z, 303, 243
Langer S Z, 304, 21
Langer S Z, 306, 161
Langer S Z, 307, 223
Langer S Z, 311, 45
Langer S Z, 312, 15
Langer S Z, 313, 189
Langer S Z, 314, 17
Langer S Z, 317, 1
Langer S Z, 317, 187
Langer S Z, 317, 31
Langer S Z, 318, 10
Langer S Z, 320, 26
Langwinski R, 312, 225
Lasch P, 306, 119
Laschka E, 305, 1
Laßmann A, 313, 269
Laßmann A, 320, 189
Lauber J, 315, 219
Laubscher A, 310, 87
Laurent J P, 316, 317
Laverty R, 313, 135
Lazarova M B, 316, 56
Leban J, 305, 213
Lebel W, 314, 149
Lee C M, 318, 281
Lee C R, 320, 26
Lee H K, 309, 131
Leeman S, 305, 17
Leeman S E, 316, 38
Leeman S E, 317, 140
Lefer A M, 311, 79
Lefer A M, 318, 130
Lefresne P, 303, 279
Lehmann J, 317, 31
Leith N J, 316, 218
Lembeck F, 303, 79
Lembeck F, 305, 9
Lembeck F, 305, 17
Lembeck F, 306, 37
Lembeck F, 306, 45
Lembeck F, 306, 113
Lembeck F, 306, 189
Lembeck F, 307, 257
Lembeck F, 308, 261
Lembeck F, 308, 281
Lembeck F, 310, 169
Lembeck F, 310, 175
Lembeck F, 311, 151
Lembeck F, 312, 131
Lembeck F, 312, 139
Lembeck F, 315, 185
Lembeck F, 316, 165
Lembeck F, 316, 240
Lembeck F, 317, 67
Lembeck F, 317, 140
Lembeck F, 320, 54
Lemmer B, 303, 251
Lemmer B, 303, 257
Lemmer B, 313, 205
Lemoine H, 313, 1

Lemoine H, 319, 216
Lemoine H, 320, 130
Leniger-Follert E, 305, 149
Lewander T, 304, 111
Lewander T, 304, 125
L'Herminier M, 307, 79
Lievre M, 313, 237
Lilienblum W, 310, 249
Lillie C, 306, 255
Limaos E A, 309, 197
Lin M T, 315, 195
Lindmar R, 318, 295
Lindqvist M, 303, 157
Lindstaedt H, 308, 171
Lippmann W, 308, 239
Lirussi F, 313, 171
List W D, 303, 55
Listinsky J J, 318, 166
Livio M, 312, 85
Lloyd K G, 311, 179
Lluch S, 312, 239
Lochner W, 308, 265
Löffelholz K, 312, 7
Löffelholz K, 318, 295
Löscher W, 315, 119
Löscher W, 317, 131
Loeschke K, 317, 178
Loeschke K, 313, 249
Loh H H, 312, 43
Loonen A J M, 309, 281
Loos D, 304, 317
Lorenzi G, 302, 73
Lucet B, 318, 288
Lübbecke F, 318, 1
Lücke C, 304, 69
Lues I, 317, 159
Lüthi P, 313, 257
Lundberg D, 317, 315
Lundgren B, 318, 185
Lundgren G, 308, 61
Lundin J, 308, 61
Lundman A, 318, 49
Lupa K, 310, 21
Lutz F, 320, 78

M

McCulloch M W, 304, 215
McDonald T F, 317, 228
McGrath J C, 309, 225
McGrath J C, 312, 107
McGrath J C, 313, 101
McInerny T K, 311, 219
Mack F, 310, 1
McLean S, 305, 173
McMillen B A, 313, 39
McNeill R, 315, 83
McNish R, 308, 81
McQueen E G, 313, 135
Magistretti P, 303, 189
Magnan J, 319, 197
Magnani M, 305, 155
Magnusson T, 305, 213
Magnusson T, 310, 211
Magnusson T, 316, 51
Magnusson T, 317, 214
Majewski H, 319, 125
Major H, 305, 51
Malaisse W J, 312, 277
Mannhold R, 302, 217
Mantegazza P, 309, 125
Mantegazza P, 316, 231
Mantegazza P, 318, 368
Marano M, 318, 192
Marco E J, 306, 75
Marco E J, 312, 239
Marcusson J, 311, 263
Marin J, 312, 239
Marini A, 302, 73
Markgraf I, 309, 271
Marquard E, 306, 203
Marrison N V, 318, 88
Marshall R J, 305, 201
Martensson E, 319, 189
Martin G R, 318, 88
Martin S, 316, 225
Martin U, 316, 186
Martinez J R, 318, 313
Martres M P, 308, 231
Martres M P, 315, 89
Marwaha J, 315, 203
Marzo A, 302, 73
Marzola G, 318, 253
Masana M I, 308, 25
Maslinski S, 320, 175
Massingham R, 314, 17
Massingham R, 317, 1
Matsui Y, 305, 219
Matsumoto K, 306, 29
Matusak O, 319, 108
Matusak O, 319, 115
Matzky R, 316, 252
Maurin Y, 320, 26
Mayer G, 306, 287
Mayer N, 303, 79
Mayer N, 306, 45
Mayer N, 306, 189
Mayer N, 311, 151
Medda P K, 310, 195
Medgett I C, 304, 215
Meek J L, 306, 75
Meel J C A van 316, 288
Meel J C A van 316, 294
Meijer D K F, 302, 1
Meijer D K F, 316, 266
Meinertz T, 303, 205
Meinke B, 310, 35
Meiser C, 316, 31
Mekanontschai R, 308, 199
Meldolesi J, 320, 224
Melzacka M, 317, 209
Mena Gomes M A, 304, 95
Menkes D B, 317, 273
Mennini T, 308, 159
Menon M K, 312, 43
Merino J, 312, 85
Metz U, 307, 213
Meyer D K, 303, 139
Meyer D K, 309, 25
Meyer F J, 316, 24
Meyer H, 310, 69
Meyer H, 317, 183
Meyer P, 312, 23
Meyer P, 316, 42
Miach P J, 312, 23
Miller D A, 319, 22
Misbach-Lesenne B, 320, 20
Mishra R, 316, 218
Mishra R K, 313, 45
Misu Y, 317, 120
Mitchelson F, 316, 161
Mitchelson F, 320, 14
Mitznegg P, 302, 119
Mobley P L, 303, 175
Mobley P L, 306, 267
Möhring J, 315, 83
Möller E, 310, 69
Möller W, 319, 249
Möller W, 319, 254
Moises H C, 315, 37
Molina E, 309, 65
Molinos M C, 320, 255
Moneti G, 316, 235
Monteiro J G, 305, 37
Monteiro J G, 318, 83
Montigny Cde, 314, 123
Moore J I, 310, 97
Morelli M, 306, 153
Moreno F J, 306, 179
Moroni F, 304, 107
Moroni F, 316, 235
Morot-Gaudry Y, 316, 311
Morris J L, 317, 331
Morris J L, 320, 246
Morris M J, 316, 42
Morris T H, 303, 295
Morris T H, 307, 1
Morris T H, 317, 19
Morris T H, 319, 216
Morro F, 315, 1
Morselli P L, 313, 189
Morton C R, 314, 271
Morton C R, 314, 277
Motomura S, 315, 241
Mouille P, 314, 83
Mouille P, 318, 288
Moustafa E, 303, 107
Mroz E, 305, 17
Mueller A L, 318, 259
Müller W, 302, 227
Müller W, 304, 297
Müller W E, 305, 23
Müller W E, 313, 159
Müller W E, 314, 97
Müller W E, 319, 172
Müller-Schweinitzer E, 318, 225
Münch U, 313, 1
Mulas M L, 306, 153
Mulder A H, 303, 193
Mulder A H, 308, 31
Mulder A H, 308, 41
Mulder A H, 309, 119
Mulder A H, 311, 169
Mulder A H, 317, 103
Mulder A H, 318, 173
Muliawan H, 310, 241
Muller M J, 306, 23
Muller M J, 311, 105
Muraki T, 308, 249
Muraki T, 320, 170
Muramatsu I, 312, 193
Muramatsu I, 319, 1
Murphy J W, 312, 271
Murray S, 314, 89
Muscholl E, 305, 109
Muscholl E, 315, 139
Muscholl E, 316, 31
Muscholl E, 318, 301
Muscholl E, 319, 56
Muscholl E, 320, 160
Muscholl W, 318, 210
Muth A, 320, 160

N

Naccari F, 312, 229
Nagel-Hiemke M, 317, 159
Nahorski S R, 307, 227
Nakadate T, 308, 249
Nakadate T, 313, 151
Nakadate T, 318, 181
Nakadate T, 320, 170
Nakajima Y, 305, 123
Nakaki T, 313, 151
Nakaki T, 318, 181
Nakaki T, 320, 170
Nakamura K, 305, 127
Nakamura K, 316, 331
Nakata Y, 314, 211
Nanz C, 314, 97
Nassuato G, 313, 171
Nawrath H, 312, 183
Nawroth P, 310, 11
Naylor R J, 319, 8
Naylor R J, 319, 226
Neckers L M, 306, 173
Neef J H de, 317, 168
Neff N H, 306, 173
Negri L, 312, 265
Neil A, 320, 50
Nell G, 312, 91
Nell G, 313, 249
Nelson D L, 310, 25
Nemeth E F, 302, 153
Nemeth M, 311, 147

Netter K J, 304, 297
Neumeyer H, 310, 11
Nhue B G, 308, 273
Nickolson V J, 319, 48
Nicolaou K C, 318, 130
Nicolas G P, 320, 255
Niechaj A, 310, 21
Nieder G L, 307, 191
Niedermaier W, 315, 255
Niedermaier W, 316, 69
Niedzielski J, 312, 225
Nigam S, 313, 175
Nigam S, 314, 201
Nijkamp F P, 320, 235
Niklas H, 307, 91
Nikolov R, 305, 149
Nistico G, 309, 125
Nistico G, 312, 229
Nitz R E, 317, 71
Nomura Y, 311, 41
Nomura Y, 313, 33
Noske W, 311, 53
Nowycky M C, 309, 247
Nutto D, 305, 233
Nutto D, 316, 59
Nutto D, 317, 154
Nyberg G, 319, 189

O

Obal F, 320, 97
Obal F jr, 320, 97
Oberlander C, 309, 241
Ocetkiewicz A, 302, 25
Ocetkiewicz A, 304, 45
Ochsenfahrt H, 306, 105
Odashima S, 320, 266
Odlind B, 317, 357
O'Donnell S T, 307, 235
O'Donnell S R, 308, 183
O'Donnell S R, 311, 139
O'Donnell S R, 315, 249
O'Donnell S R, 320, 221
Odusote K A, 318, 220
Ohga Y, 302, 141
Ohlendorf R, 316, 252
Ohtake S, 305, 123
Oka M, 306, 29
Okamoto Y, 317, 339
Oki K, 311, 41
Okolicsanyi L, 313, 171
Okuno T, 308, 111
Olgaard M K, 304, 167
Ollagnier M, 313, 237
Olpe H R, 303, 165
Olsson S O R, 304, 27
Omini C, 305, 5
Opmeer F A, 302, 31
Orbetzova V, 317, 78
Oreland L, 311, 263
Oreland L, 316, 51
Orlando R, 313, 171
Orrego F, 302, 255
Ortmann R, 305, 233
Ortmann R, 311, 185
Ortmann R, 316, 225
Osborne H, 310, 203
Oshita S, 314, 67
Osswald H, 303, 95
Osswald H, 304, 277
Osswald H, 317, 86
Osswald H, 318, 358
Osswald W, 305, 37
Osswald W, 311, 9
Osswald W, 316, 120
Osterrieder W, 317, 228
Osterrieder W, 317, 233
Osterwalder M, 302, 173
Osterwalder R, 314, 111
Otten U, 313, 199
Owen D A A, 315, 155
Ozaki H, 304, 203
Ozaki H, 309, 171
Ozaki H, 312, 199

P

Paalzow G, 304, 1
Pabst M, 311, 151
Paiva M Q, 303, 221
Paiva M Q, 305, 185
Paiva M Q, 311, 1
Paiva M Q, 316, 195
Paiva M Q, 316, 200
Palfreyman M G, 307, 135
Palm D, 303, 145
Palm D, 305, 41
Palm D, 315, 233
Palm D, 317, 294
Palmer M, 315, 203
Palmer M R, 318, 259
Panissidi G, 315, 1
Papp J G, 311, 147
Pardal J F, 313, 27
Parenti M, 318, 368
Paterson S J, 319, 197
Patil P N, 318, 158
Paton D M, 305, 103
Paton D M, 306, 23
Paton D M, 317, 110
Paul S, 315, 203
Paul S M, 320, 45
Pax R, 304, 309
Pearce F L, 302, 165
Pelzer D, 317, 228
Pelzer D, 317, 233
Pendleton R G, 309, 217
Pendleton R G, 313, 263
Pendleton R G, 318, 267
Pendleton R G, 319, 22
Pepeu G, 316, 235
Perec C J, 304, 21
Perec C J, 308, 211
Perec C J, 308, 217
Perec C J, 319, 136
Perrissoud D, 312, 285
Persson B, 302, 299
Persson B, 313, 225
Persson B, 314, 195
Perzborn E, 318, 249
Peskar B A, 305, 247
Peskar B A, 312, 245
Peskar B A, 315, 269
Petersen K U, 309, 287
Petersen K U, 318, 358
Petersen K U, 318, 363
Peters-Haefeli L, 313, 257
Pettinger W A, 311, 129
Petty M A, 319, 206
Petzinger E, 304, 303
Petzinger E, 305, 253
Petzinger E, 306, 295
Petzinger E, 307, 275
Petzinger E, 310, 245
Petzinger E, 311, 91
Petzinger E, 313, 85
Petzinger E, 316, 345
Petzinger E, 319, 87
Petzinger E, 320, 196
Peyer M, 316, 81
Pfändler R, 314, 1
Pfeiffer A, 319, 147
Pfeuffer-Friederich I, 319, 231
Philippu A, 308, 137
Philippu A, 308, 143
Philippu A, 310, 237
Philippu A, 312, 27
Piccinelli D, 311, 61
Pichat L, 310, 25
Pichler L, 306, 255
Pichler L, 315, 21
Pichler L, 317, 180
Pichler L, 320, 110
Picotti G H, 320, 224
Pilc A, 319, 140
Pimoule C, 312, 15
Planelles G, 318, 135
Pletscher A, 310, 87
Pletscher A, 316, 81
Poblete-Freundt G, 302, 165
Pöch G, 319, 29
Pönicke K, 317, 78
Pösch G, 310, 129
Pohl I M, 307, 21
Poiger H, 306, 89
Polc P, 316, 317
Polson J B, 303, 55
Polson J B, 308, 117
Pommier Y, 314, 83
Pommier Y, 318, 288
Porceddu M L, 306, 153
Porsius A J, 317, 168
Porzig H, 317, 286
Potter W de, 317, 97
Poulakos J J, 307, 143
Powell D, 305, 189
Powell D, 307, 251
Prado J L, 309, 197
Prakash N J, 320, 72
Premont J, 309, 241
Presek P, 306, 67
Presek P, 308, 223
Presek P, 317, 100
Pretzlaff W, 309, 153
Preusner I C W de, 308, 211
Preusner I C W de, 308, 217
Prioux-Guyonneau M, 313, 119
Proca B, 308, 273
Przewlocki R, 303, 171
Publicover S J, 308, 179
Publicover S J, 315, 29
Publicover S J, 318, 246
Puchstein C, 310, 59
Pugsley T A, 308, 239
Purcell T, 317, 1
Pursche R, 312, 63
Puurunen J, 303, 87
Puurunen J, 304, 63
Puurunen J, 304, 69
Puurunen J, 306, 219
Pycock C J, 304, 135
Pycock C J, 308, 51
Pycock C J, 312, 235
Pycock C J, 318, 100

Q

Quik M, 304, 141
Quik M, 306, 281
Quinaux N, 319, 66

R

Raberger G, 304, 249
Raberger G, 314, 281
Raberger G, 320, 63
Raberger G, 320, 67
Racagni G, 305, 5
Racke K, 319, 56
Radeke E, 311, 185
Radeke E, 316, 225
Rägo L K, 318, 36
Räker K O, 307, 287
Rainsford K D, 315, 269
Raisman R, 307, 223
Raisman R, 313, 189
Rajtar G, 312, 85
Rand M J, 304, 215
Rascher W, 313, 155
Rassat J, 318, 349
Rastogi R B, 304, 9
Rawlow A, 311, 17
Rawlow A, 314, 237
Raxworthy M J, 320, 182
Reches A, 320, 34
Rechtsteiner D, 302, 181
Ree J M van, 302, 31
Rees S, 319, 262
Regt V de, 303, 193
Rehavi M, 320, 45
Reichenbacher D, 319, 71
Reid J L, 319, 206
Reidemeister J C, 302, 333
Reidemeister J C, 312, 99
Reimann W, 305, 27
Reimann W, 306, 275
Reimann W, 319, 71
Reiner O, 303, 213
Reinhard J F jun, 318, 374
Reinhardt M, 317, 294
Reiter B, 308, 171

Reiter M, 303, 7
Reiter M, 303, 111
Reiter M, 305, 65
Reiter M, 306, 249
Reiter M, 307, 99
Reiter M, 307, 105
Reiter M, 309, 109
Reiter M, 318, 112
Reiter M, 318, 121
Rembold H, 306, 287
Remmer H, 316, 340
Reske S N, 320, 260
Reubi J C, 304, 271
Reuse J, 302, 51
Reuse J, 309, 191
Reuse J, 313, 165
Revuelta A V, 304, 107
Rhee H M, 318, 344
Rice K C, 315, 203
Rice K C, 320, 45
Richards J G, 310, 87
Richter W J, 315, 219
Rietbrock N, 307, 65
Rietbrock N, 313, 269
Rietbrock N, 320, 189
Rigter H, 312, 209
Rimele T J, 319, 18
Rink D, 318, 210
Ritzel H, 319, 56
Robenek H, 318, 349
Roberts M L, 314, 267
Robinson J M L, 307, 79
Robinson S E, 304, 263
Robinson S E, 303, 175
Rochette L, 319, 40
Rockhold R W, 315, 227
Rodenkirchen R, 310, 69
Rodgers R L, 310, 97
Rodrigues-Pereira E, 311, 9
Rodrigues-Pereira E, 318, 83
Rösen P, 306, 101
Rösen R, 313, 69
Roeske W R, 320, 115
Rohloff C, 305, 167
Rohm N, 312, 99
Rohm N, 315, 85
Roij T A J M de, 303, 263
Roij T A J M de, 306, 61
Rollema H, 313, 213
Rolleman H, 310, 219
Rommelspacher H, 303, 229
Rommelspacher H, 305, 135
Rommelspacher H, 310, 35
Rommelspacher H, 314, 97
Rooij H H van, 309, 281
Roots I, 313, 175
Rosenberg P H, 307, 199
Rosenberg P H, 319, 95
Rospars J P, 303, 279
Rossi Mde, 313, 195
Rossum G D V van, 317, 90
Roth R H, 309, 247
Roth R H, 312, 37
Roth R H, 312, 151
Roth R H, 312, 161
Roth R H, 318, 374
Rothe O, 317, 81
Rotiroti D, 312, 229
Rubenson A, 314, 195
Rubini P, 319, 142
Rubio M C, 308, 25
Rubio M C, 318, 14
Rücker W, 308, 107
Rücker W, 309, 59
Rücker W, 311, 67
Rüdiger H J, 317, 238
Rugg E L, 307, 227
Ruifrok P G, 316, 266
Ruifrok P G, 319, 185
Rummel W, 312, 91
Runnegar M T, 317, 268
Ruoff H J, 320, 175
Russo M A, 317, 90

S

Sada H, 304, 191
Sada H, 309, 179
Sada H, 314, 67
Sada H, 317, 245
Sadony V, 302, 333
Sahyoun H A, 319, 8
Saint Blanquat G de, 309, 69
Sakaguchi M, 316, 262
Sakaguchi M, 320, 266
Sakai K, 302, 55
Sakai K, 318, 340
Sakakibara Y, 319, 1
Sala A, 312, 123
Salabun J, 313, 9
Samanin R, 308, 159
Sametz W, 314, 183
Sammet S, 309, 99
Samodelov L F, 312, 57
Sanchez-Armass S, 302, 255
Sanchez-Chapula J, 316, 108
Sanchez-Garcia P, 320, 255
Sandberg B E B, 318, 281
Sanders-Bush E, 306, 267
Sandrock K, 317, 19
Sansone M, 319, 271
Santis Ade, 313, 195
Sanz N R, 319, 136
Sarau H M, 318, 267
Saria A, 306, 45
Saria A, 306, 189
Saria A, 311, 151
Saria A, 317, 67
Sarmento A, 316, 120
Saruta T, 308, 111
Satoh K, 308, 89
Satoh K, 318, 370
Sauerland S, 313, 69
Sauerwein I, 305, 51
Saur W, 302, 285
Sawyer J, 313, 263
Sawyer J, 319, 22
Sawynok J, 319, 78
Scapagnini U, 315, 1
Scatton B, 303, 271
Schäfer-Korting M, 318, 112
Schaumann W, 302, 87
Scheel-Krüger J, 310, 43
Schelling P, 303, 15
Schemuth W, 316, 24
Scherschlicht R, 316, 317
Scheufler E, 318, 66
Schindler G, 303, 79
Schläfer U, 305, 23
Schlatter C, 306, 89
Schlicker E, 317, 199
Schlicker E, 317, 204
Schlicker E, 320, 38
Schlieper P, 310, 195
Schmelzle B, 303, 205
Schmid G, 302, 341
Schmidt K, 320, 78
Schmidt M, 302, 37
Schmitt A, 317, 326
Schmitt H, 314, 83
Schmitt H, 318, 288
Schmitz H J, 303, 95
Schmitz W, 315, 147
Schmoldt A, 305, 261
Schmoldt A, 305, 167
Schmoldt A, 306, 11
Schmutzler W, 302, 165
Schönbaum E, 312, 209
Schönenberger E, 302, 173
Schönenberger E, 306, 17
Schönhöfer P S, 306, 169
Schönhöfer P S, 308, 107
Schönhöfer P S, 309, 59
Schönhöfer P S, 311, 67
Schönsteiner G, 318, 121
Schofer J, 315, 233
Schoffelmeer A N M, 317, 103
Schoffelmeer A N M, 318, 173
Scholfield C N, 314, 29
Scholfield C N, 318, 274
Scholtens E, 302, 1
Scholtholt J, 320, 201
Scholz H, 303, 205
Scholz H, 315, 147
Schorderet M, 303, 189
Schoun J, 315, 83
Schramm G, 302, 333
Schreiner J, 313, 249
Schreurs A J M, 320, 235
Schrör K, 302, 61
Schrör K, 306, 101
Schrör K, 306, 213
Schrör K, 307, 213
Schrör K, 313, 69
Schrör K, 316, 252
Schümann H J, 302, 333
Schümann H J, 308, 191
Schümann H J, 309, 19
Schümann H J, 312, 99
Schümann H J, 315, 85
Schümann H J, 315, 103
Schümann H J, 316, 45
Schümann H J, 317, 159
Schümann H J, 317, 310
Schümann H J, 318, 330
Schümann H J, 320, 152
Schüppel R, 309, 203
Schütz W, 304, 249
Schütz W, 319, 34
Schuhmacher P, 312, 31
Schuhmacher A, 315, 147
Schulte A, 308, 171
Schultz G, 302, 285
Schultz G, 306, 1
Schultz G, 310, 113
Schultz G, 310, 121
Schultz G, 311, 71
Schultz G, 312, 167
Schultz K D, 306, 1
Schultz K D, 311, 71
Schulz L, 312, 91
Schulz R, 304, 89
Schulz R, 305, 1
Schulz R, 306, 93
Schulz R, 308, 255
Schulz R, 315, 181
Schulz R, 319, 142
Schulze G, 318, 43
Schwabe U, 302, 141
Schwabe U, 304, 69
Schwabe U, 310, 59
Schwabe U, 311, 193
Schwabe U, 313, 179
Schwartz J, 319, 168
Schwartz J C, 308, 231
Schwartz J C, 315, 89
Schwederski U, 319, 216
Schweditsch M, 305, 9
Schwenk M, 316, 340
Schwenk M, 320, 196
Schwertschlag U, 319, 239
Scuvee-Moreau J, 319, 66
Seaman I, 309, 191
Seeber U, 308, 149
Seeger R, 311, 95
Seeger R, 315, 163
Seeman P, 311, 255
Seewann S, 312, 139
Segawa T, 311, 41
Segawa T, 314, 211
Seibel K, 305, 65
Seibel K, 309, 109
Seifert C, 315, 55
Seifert J, 303, 101
Seitz H K, 320, 81
Sener A, 312, 277
Sentenac H, 313, 119
Serra G, 308, 155
Sgaragli G P, 305, 155
Sheperd E, 306, 179
Shepperson N B, 317, 1
Shepperson N B, 318, 10
Shieh I S, 314, 161
Shima S, 312, 19
Shoemaker D W, 310, 227
Shore P A, 313, 39
Shukla R, 318, 38
Siebenborn R, 318, 301
Siegel A, 307, 143
Sillen U, 314, 195
Silver J, 317, 268
Simaan J, 310, 139

Simaan J, 314, 171
Simm F, 308, 265
Simmet T, 312, 245
Simon P, 318, 94
Singhal R L, 304, 9
Sinha J N, 308, 137
Sinha J N, 310, 237
Skirboll L R, 312, 161
Skofitsch G, 317, 67
Skolnick P, 315, 203
Skolnick P, 320, 45
Skrabanek P, 305, 189
Skrabanek P, 307, 251
Slater P, 305, 227
Slater P, 312, 219
Slater P, 313, 125
Slater P, 319, 43
Slemer O, 307, 185
Smith C A, 303, 263
Smith E F, 318, 130
Smith H E, 303, 175
Smith H E, 306, 267
Smith I R, 315, 155
Smith J B, 318, 130
Smith J L, 305, 159
Smith J L, 315, 77
Smits J F M, 309, 13
Smits J F M, 309, 19
Sofola O A, 318, 220
Sokoloff P, 315, 89
Sollevi A, 316, 112
Somova L, 317, 78
Sontag K H, 308, 149
Sontag K H, 317, 54
Soudijn W, 309, 281
Spedding M, 318, 234
Spence I, 315, 211
Spence I, 316, 64
Spence I, 319, 130
Sperling G, 318, 56
Spiess C, 306, 17
Spies C, 311, 71
Spina F, 315, 1
Splawinski J, 304, 45
Sponer G, 303, 15
Srimal R C, 318, 38
Stacchini B, 302, 293
Stach R, 316, 56
Stadler-Wolffersgrün R, 303, 235
Stancer H C, 305, 207
Starke K, 304, 223
Starke K, 304, 237
Starke K, 305, 27
Starke K, 306, 275
Starke K, 308, 127
Starke K, 309, 207
Starke K, 314, 1
Starke K, 314, 13
Starke K, 314, 129
Starke K, 315, 111
Starke K, 316, 205
Starke K, 317, 5
Starke K, 317, 193
Starke K, 319, 71
Starke K, 319, 125
Stefano F J E, 304, 21
Stefano F J E, 308, 211
Stefano F J E, 308, 217
Stefano F J E, 319, 136
Steffen C, 310, 241
Steigrad P, 305, 143
Steiner R, 302, 217
Steiner R, 310, 69
Steinhauer H B, 310, 53
Stephenson W H, 311, 129
Steppeler A, 304, 223
Steppeler A, 314, 1
Steppeler A, 314, 13
Steppeler A, 317, 193
Steppeler A, 319, 125
Steranka L, 316, 218
Sterin-Borda L, 313, 95
Stillbauer A, 313, 159
Stjärne L, 308, 99
Stock K, 302, 37
Stocker M, 313, 155
Stoff J C, 308, 41
Stoker M J, 320, 230
Stoof J C, 309, 119
Strachura J, 302, 25
Strauss S, 303, 229
Struck C J, 304, 51
Struyker-Boudier H A J, 309, 13
Struyker-Boudier H A J, 309, 19
Student J C, 302, 91
Subramanian N, 302, 119
Sugrue M F, 320, 90
Sulakhe P V, 309, 259
Sulakhe P V, 314, 51
Sullivan A T, 314, 249
Sulser F, 303, 175
Sulser F, 306, 267
Sulser F, 316, 218
Sumners C, 316, 304
Suzuki T, 304, 15
Svensson T H, 302, 115
Svensson T H, 317, 26
Swies J, 304, 45
Szabadi E, 320, 230
Szegi J, 311, 147
Szekeres L, 311, 147
Szentivanyi A, 308, 117
Szentivanyi A, 303, 55
Szentmiklosi A J, 311, 147
Szerb J C, 311, 119
Szikszay M, 320, 97
Szolcsanyi J, 305, 75
Szolcsanyi J, 305, 83
Szolcsanyi J, 309, 77
Szymura J, 317, 209

T

Taira N, 302, 235
Taira N, 307, 207
Taira N, 308, 89
Taira N, 315, 241
Taira N, 318, 370
Tajima K, 311, 159
Takano K, 302, 91
Takano K, 317, 51
Takeda K, 314, 161
Takeya K, 305, 65
Tammiso R, 316, 231
Tanaka T, 304, 223
Tanaka T, 308, 127
Tanaka T, 309, 207
Tang S W, 305, 207
Tang S W, 311, 255
Tanganelli S, 318, 253
Tatsumi M, 306, 81
Taube C, 317, 78
Taugner G, 309, 45
Taugner G, 309, 29
Taugner G, 315, 229
Tavani A, 319, 197
Taylor D A, 304, 81
Taylor S M, 315, 15
Temma K, 302, 63
Temma K, 304, 157
Teschemacher H, 306, 301
Tetzner M, 318, 43
Teulon J, 318, 135
Themann H, 318, 349
Thiede H M, 316, 299
Thiede H M, 318, 19
Thiede H M, 318, 29
Thieme R E, 309, 119
Thoenen H, 313, 199
Thomas R F, 307, 143
Thoolen M J M C, 319, 82
Thormählen D, 317, 81
Tiara N, 312, 69
Timmermans P B M W M, 306, 127
Timmermans P B M W M, 310, 189
Timmermans P B M W M, 313, 17
Timmermans P B M W M, 316, 288
Timmermans P B M W M, 316, 294
Timmermans P B M W M, 317, 8
Timmermans P B M W M, 319, 82
Timour-Chah Q, 313, 237
Tissari A H, 308, 155
Tobler I, 305, 143
Tokunaga Y, 308, 249
Tommasi R, 318, 368
Topolinski H, 318, 43
Towart R, 317, 183
Towart R, 318, 249
Trapp B, 319, 56
Trautwein W, 317, 228
Trautwein W, 317, 233
Trendelenburg U, 302, 181
Trendelenburg U, 302, 195
Trendelenburg U, 302, 207
Trendelenburg U, 303, 21
Trendelenburg U, 303, 37
Trendelenburg U, 304, 147
Trendelenburg U, 306, 239
Trendelenburg U, 308, 199
Trendelenburg U, 311, 17
Trendelenburg U, 314, 237
Trendelenburg U, 318, 158
Tritthart H A, 316, 172
Trolin G, 302, 299
Trolin G, 312, 51
Trolin G, 313, 221
Trost T, 313, 179
Trost T, 310, 59
Tseng L F, 304, 101
Tseng L F, 312, 43
Tseng L F, 313, 131
Tuganowski W, 304, 211
Tuganowski W, 313, 9
Tuisl E, 319, 34
Turkanis S A, 320, 105
Turski L, 314, 37
Twietmeyer G, 318, 56

U

Uehleke H, 302, 11
Uhlig W, 306, 239
Uihlein M, 315, 233
Urakawa N, 304, 203
Urakawa N, 309, 171
Urakawa N, 312, 199
Urakawa N, 315, 69
Usuki K, 305, 123

V

Vanderhaeghen J J, 305, 189
Vanhoutte P M, 318, 148
Varagic V M, 303, 47
Veil L B, 304, 303
Veil L B, 311, 91
Veil L B, 317, 364
Veith S, 320, 81
Verbeuren T J, 318, 148
Versteeg D H G, 320, 235
Vetulani J, 302, 123
Vetulani J, 317, 209
Vetulani J, 319, 140
Vetulani J, 319, 271
Vianen-Meijerink M, 306, 61
Vicentini L, 316, 231
Vicentini L, 318, 368
Vierling W, 303, 111
Vierling W, 306, 249
Vogt W, 302, 45
Vogt W, 305, 181
Volle R L, 304, 15
Volle R L, 312, 117
Volle R L, 316, 126
Vonk R J, 302, 1
Vries J B de, 316, 304
Vrijmoed-de Vries M C, 309, 119

W

Wachtel H, 302, 133
Waddington J L, 306, 275
Wächter W, 313, 1
Wagner H, 317, 277
Wagner J, 302, 333
Wagner J, 302, 239
Wagner J, 309, 19
Wagner J, 312, 99
Wagner J, 315, 85
Wagner J, 318, 330
Wagner K, 315, 269
Wagner M, 320, 175
Wakade A R, 316, 273

Wakade A R, 317, 302
Wakade T D, 316, 273
Wakade T D, 317, 302
Waldmeier P C, 311, 185
Waldmeier P C, 315, 219
Waldmeier P C, 317, 36
Waldmeier P C, 317, 115
Walland A, 312, 31
Walli A K, 307, 283
Walli A K, 316, 257
Wanstall J C, 308, 183
Wardell J R jun., 314, 177
Waser P G, 302, 173
Waser P G, 305, 143
Waser P G, 306, 17
Wassermann K, 312, 77
Waud D R, 303, 1
Weger N, 303, 7
Wehinger E, 317, 183
Wehking E, 307, 21
Wehner H D, 307, 9
Wei J W, 309, 259
Wei J W, 314, 51
Weibel I, 312, 285
Weide W, 312, 7
Weide W, 318, 295
Weihrauch T R, 318, 308
Weinheimer G, 310, 93
Weissman B A, 302, 307
Weitzell R, 304, 237
Weitzell R, 308, 127
Wellhöner H H, 307, 287
Wellhöner H H, 308, 71
Wellstein A, 317, 294
Welsch F, 311, 113
Wemer J, 317, 103
Wenger W C, 311, 113
Wepierre J, 313, 119
Werdan K, 315, 147
Wessler I, 309, 255
Wessler I, 314, 259
Wessler I, 319, 231
Westerbrink A, 310, 219
Westerink B H C, 310, 219
Westerink B H C, 313, 213
Westermann E, 306, 219
Westermann H, 304, 63
Westfall T C, 303, 279
Wetzel H W, 317, 187
Wever K, 307, 171
Whalley E T, 319, 12
Wheeler S C, 312, 151
Wiberg A, 313, 77
Wiberg A, 316, 51
Wichmann J, 308, 265
Widerlöv E, 304, 111
Widerlöv E, 304, 125
Wiedmann T, 316, 340
Wiegand H, 308, 71
Wieland E, 307, 283
Wieland E, 316, 257
Wieland T, 307, 283
Wieland T, 316, 257
Wiemer G, 303, 145
Wiemer G, 305, 41
Wiemer G, 317, 294
Wieringa J H, 319, 48
Wiest S A, 304, 157
Wijngaarden I van, 309, 281
Wiley K S, 320, 145
Wilffert B, 316, 288
Willemot J, 317, 110
Wilson C, 315, 155
Winblad B, 311, 263
Windisch H, 316, 172
Winkler M, 313, 139
Winkler M, 317, 44
Winkler M, 318, 143
Winkler M, 320, 101
Winne D, 304, 175
Winne D, 307, 265
Winne D, 309, 271
Wisse E, 304, 183
Wofarth S, 302, 123
Woinoff R, 314, 191
Wojcik G, 310, 21
Wojtaszek B, 304, 45
Wolfarth S, 317, 54
Wollert U, 305, 23
Wollert U, 314, 97
Wollert U, 319, 172
Woodward D J, 315, 37
Worms P, 303, 271
Worms P, 311, 179
Wormstall H, 316, 31
Woutersen-van Nijnanten F, 306, 61
Wüster M, 304, 89
Wüster M, 306, 93
Wüster M, 308, 255
Wüster M, 309, 1
Wüster M, 315, 181
Wüster M, 319, 142
Wunderlich I, 309, 29
Wunderlich I, 309, 45
Wunderlich I, 315, 229
Wurm A, 310, 129
Wurm G, 307, 73
Wyatt R J, 306, 173

Y

Yajima H, 314, 211
Yamada K, 316, 155
Yamada S, 320, 115
Yamamoto S, 308, 81
Yamamoto S, 314, 161
Yamamoto S, 318, 181
Yamamura H I, 320, 115
Yanagisawa T, 302, 235
Yanagisawa T, 307, 207
Yanagisawa T, 308, 89
Yanagisawa T, 312, 69
Yang Q F, 317, 233

Z

Zambotti F, 316, 231
Zambotti F, 318, 368
Zappia L, 309, 65
Zarkovsky A M, 318, 36
Zeitz M, 305, 117
Zeitz M, 311, 53
Zetler G, 305, 189
Zetler G, 312, 63
Zetler G, 318, 66
Zetler G, 319, 161
Ziegler K, 306, 295
Ziegler K, 307, 275
Ziegler K, 310, 245
Ziegler K, 311, 91
Ziegler K, 313, 85
Ziegler K, 317, 364
Ziegler K, 319, 249
Ziegler K, 319, 254
Zieglgänsberger W, 313, 145
Zigun J R, 312, 161
Ziskoven R, 307, 9
Ziskoven R, 310, 79
Zonta N, 316, 231
Zonta N, 318, 368
Zseli J, 309, 65
Zube I, 319, 172
Zumstein A, 305, 27
Zumstein A, 306, 275
Zumstein A, 314, 129
Zumstein A, 315, 111
Zumstein A, 316, 205
Zwieten P A van, 306, 127
Zwieten, P A van, 310, 189
Zwieten P A van, 313, 17
Zwieten P A van, 316, 288
Zwieten P A van, 316, 294
Zwieten P A van, 317, 8
Zwieten P A van, 319, 82
Zyngier S B, 307, 185

Naunyn-Schmiedeberg's Arch Pharmacol (1982) 320:286–325

Subject Index for Volumes 301 (1977/78)–320 (1982)

The key words of each article have been classified as primary and secondary key words separated by a semicolon. In the index the primary key words are listed alphabetically; the individual primary key words are permuted in such way that each of them appears in first place once. The secondary key words follow the primary ones without permutation. (The first number is the volume number; the second refers to the first page of the article.)

A

abstinence, morphine, naloxone; suprahyoidal muscle, rats, 312, 43
acetylcholine; human placenta, 311, 113
acetylcholine, atropine, muscarinic receptors; brain, rats, 303, 279
acetylcholine, bradykinin, calcium, procaine; ileum, guinea-pig, 314, 267
acetylcholine, bungarotoxin, neuromuscular transmission; nerve-muscle preparation, frog, 316, 126
acetylcholine, calcium, oxotremorine, morphine; myenteric plexus, guinea-pig, 311, 119
acetylcholine, canabinoids, psychotomimetic activity; brain, rats, 304, 107
acetylcholine, capsaicin, substance P; ileum, guinea-pig, 319, 212
acetylcholine, cGMP, action potential, inotropic effect; auricle, rabbit, 304, 211
acetylcholine, cGMP, phosphodiesterase; bovine coronary smooth muscle, 319, 29
acetylcholine, choline, cholinesterase; heart, chicken, 318, 295
acetylcholine, choline, muscarinic receptor; myenteric plexus, guinea-pig, 316, 131
acetylcholine, dopamine receptors, cholinergic axon; caudate nucleus, rabbit, 315, 111
acetylcholine, ferritin, neuromuscular junction, exocytosis; nerve-muscle preparation, frog, 318, 246
acetylcholine, GABA agonists, GABA antagonists, tetrodotoxin, choline; brain, guinea-pig, 318, 253
acetylcholine, inotropic effect, adrenoceptors, muscarinic receptor; heart, rabbit, 320, 152
acetylcholine, latrotoxin, catecholamines; rats, 320, 224
acetylcholine, metoclopramide, 5-hydroxytryptamine receptors; myenteric plexus, guinea-pig, 319, 231
acetylcholine, nicotine, norepinephrine, cyclic nucleotides, cardiostimulatory effect; heart, guinea-pig, 310, 97
acetylcholine, noradrenaline, muscarinic receptor, physostigmine; atrium, rabbit, 320, 160
acetylcholine, noradrenaline, tetrodotoxin, pelviureteral smooth muscle; man, guinea-pig, rabbit, pelviureteral smooth muscle, 302, 293
acetylcholine, pentobarbital, tetracaine, 4-aminopyridine; heart, 312, 7
acetylcholine, physostigmine, atropine, choline, cholinesterase inhibitor; brain, mice, 308, 61
acetylcholine, presynaptic effects, postsynaptic effects, muscarinic agonists; ileum, guinea-pig, 314, 259
acetylcholine, snake venom, dendrotoxin, neuromuscular junction, neurotoxin; mice, chicken, 312, 1
acetylcholine, tetanus toxin, botulinum toxin, calcium; brain, rats, 316, 143
acetylcholine, tetanus toxin, botulinum toxin, cholinergic neurones; myenteric plexus, guinea-pig, 312, 255
acetylcholine, tetanus toxin, botulinum-A toxin, neurotoxines; nerve cell cultures, rats, 303, 133
acetylcholine receptors, apomorphine, carbachol, dopamine receptors; substantia nigra, rabbit, 302, 123
acetylcholine receptors, ion channels, endplate currents, nicotinic agonists; neuromucular junction, frog, 312, 117
acetylcholine turnover, nomifensine, antidepressants, apomorphine; brain, rats, 304, 263
acetylcholinesterase, 6-aminonicotinamide, growth inhibition, cell differentiation; neuroblastoma cells, 305, 117
acetyl-procainamide, bile acids, d-tubocurarine, hepatic transport, choleresis; rats, 302, 1
acetylsalicylic acid, indomethacin, nictindole, platelet aggregation; cat, rabbit, 302, 25
acetylsalicylic acid, malondialdehyde, arachidonic acid, indomethacin, cyclo-oxygenase; platelets, rats, 312, 85
acid phosphatase, monoamine oxidase, hemitransection, succinate dehydrogenase; brain, rats, 316, 51
acid-base alteration, catecholamines, cAMP, chronotropic effect; atrium, rats, 317, 219
ACTH, lipolysis; adipocytes, rats, 302, 31
actin, phalloidin, hepatocytes, carbon tetrachloride, bile acids; baby rats, 306, 295
action potential, 4-aminopyridine, inotropic effect, catecholamines, calcium; heart, dog, 307, 207
action potential, antiarrhythmics, TH-494; rabbit, guinea-pig, 317, 238
action potential, antiarrhytmic drugs, procainamide; heart, guinea-pig, 309, 179
action potential, AQA-39, potassium current, calcium channels, antimuscarinic effect; sinoatrial node, rabbit, 317, 233
action potential, barium, membrane resistance, calcium; heart, guinea-pig, 315, 47
action potential, beta-blockers, structure-activity relationship; heart, guinea-pig, 317, 245
action potential, cGMP, acetylcholine, inotropic effect; auricle, rabbit, 304, 211
action potential, isoquinoline derivatives, inotropic effect, antiarrhythmic activity, ATPase; cat, guinea-pig, 312, 187
action potential, lidocaine, tocainide; heart, guinea-pig, 314, 67
action potential, neuroleptics, inotropic effect, antiarrhythmia; heart, guinea-pig, 304, 27
action potential, phentolamine, alprenolol, prenylamine, sodium system; heart, guinea-pig, 304, 191
action potentials, cryptands; purkinje fibres, sheep, 310, 79
activation energy, warfarin, protein binding; human serum albumin, 313, 269
actodigin, cardiotonic agents, ATPase, inotropic receptor, monensin, cassaine, species differences; guinea-pig, rats, rabbit, 308, 81
adenine nucleosides, adenosine, neurotransmission; vas deferens, rats, 317, 110
adenine nucleotide receptors, adenosine receptors, cAMP, 5-nucleotidase; cell lines, 315, 5
adenosin, adenosin derivatives, neurotransmission; vas deferens, rats, 306, 23
adenosin derivatives, adenosin, neurotransmission; vas deferens, rats, 306, 23
adenosine, adenine nucleosides, neurotransmission; vas deferens, rats, 317, 110
adenosine, adenosine derivatives, binding sites, methylxanthines; brain membranes, rats, 310, 59
adenosine, dopamine, cAMP, diethylstilbestrol; hypothalamus, rats, 302, 307
adenosine, inosine, 5-hydroxytryptamine; hind limb, rats, 302, 55
adenosine, lipolysis, dipyridamole, theophylline; adipose tissue, dog, 316, 112
adenosine, neuro-muscular junction, transmitter, ouabain; nerve-muscle preparation, frog, 308, 273
adenosine, pacemaker activity, purine receptors; heart, guinea-pig, 311, 147
adenosine, renin-angiotensin system, sodium diet; renal blood flow, rats, 303, 95
adenosine, ureteral obstruction, aortic constriction, prostaglandins; kidney, rats, 317, 86
adenosine, xanthines, cAMP; hippocampus, rats, 316, 326
adenosine analogue, hepatic blood flow, glucagon; dog, 314, 281

adenosine analogues, glucagon, insulin, coronary dilators; dog, 304, 249
adenosine derivatives, adenosine, binding sites, methylxanthines; brain membranes, rats, 310, 59
adenosine nitrate, cGMP, nitroglycerin, sodium nitroprusside, sodium nitrite, relaxation; bovine coronary arteries, 310, 129
adenosine nucleotides, ATPase; bovine adrenal medulla, 309, 29
adenosine receptors, adenine nucleotide receptors, cAMP, 5-nucleotidase; cell lines, 315, 5
adenosine receptors, adenylate cyclase, nucleosides; rat liver plasma membranes, 319, 34
adenosine receptors, N6-phenylisopropyladenosine, methylxanthines; brain, rats, 313, 179
adenosine5-N-ethylcarboxamide, glucagon, glucagon, insulin; pancreas, dog, 320, 67
adenylate cyclase, adenosine receptors, nucleosides; rat liver plasma membranes, 319, 34
adenylate cyclase, adrenoceptors, chronotropism, cAMP, pacemaker activity; cardiocytes, rats, chicken, 320, 119
adenylate cyclase, alcohols; adipocytes, rats, 302, 37
adenylate cyclase, aminopyrine, beta-adrenoceptors, catecholamines, hexoprenaline; gastric mucosa, rats, 320, 175
adenylate cyclase, antilipolytic agents, nicotinic acid; adipocytes, golden hamster, 318, 241
adenylate cyclase, beta-adrenoceptors, desensitization, isoprenaline; reticulocytes, rats, 317, 294
adenylate cyclase, cAMP, beta-adrenoceptor agonists, beta-adrenoceptors; heart, cat, 318, 185
adenylate cyclase, cAMP, beta-adrenoceptors, serotonin, antidepressants; brain, rats, 316, 218
adenylate cyclase, cAMP, phosphodiesterase; cortex, hypothalamus, rats, 302, 341
adenylate cyclase, catecholamines, inotropic effect, beta-adrenoceptors, bupranolol; human myocardium, 319, 216
adenylate cyclase, catecholamines, propranolol, haloperidol; prostate, rats, 312, 19
adenylate cyclase, histamine, spontaneous activity; sinus node, rabbit, 313, 9
adenylate cyclase, inotropic effect, intrinsic activity, beta-adrenoceptors; heart, cat, 317, 13
adenylate cyclase, intestinal secretion, vasoactive intestinal polypeptide, cAMP, morphine; jejunum, rats, 313, 243
adenylate cyclase, platelet aggregation, alpha-adrenoceptors, beta-adrenoceptors, receptors, beta-blockers; man, 302, 285
adenylate cyclase, prostaglandins, alpha-adrenargic agonists, nicotinic acid; adipocytes, hamster, 312, 167
adenylcyclas acetylcholine, dopamine receptors, N-diphenethylamine compounds; striatum, rats, 309, 241
adenylcyclase, beta-adrenoceptor blockers, chronotropic effect, sinoatrial node, isoprenaline; heart, rats, cat, 307, 1
adenylcyclase, beta-adrenoceptors, dihydroalprenolol, stereospecifity, reticulocytes; erythrocytes, rats, 305, 41
adenylcyclase, beta-phenethylamines, cAMP, norepinephrine receptors; limbic forebrain, rats, 303, 175
adenylcyclase, cAMP, nicotinamide adenine dinucleotide, lipolysis; fat cells, 306, 179
adenylcyclase, carazolol, beta-adrenoceptors; heart, kitten, toad, 303, 295
adenylcyclase, catecholamines, cAMP, beta-adrenoceptors; adrenal medulla, rats, 307, 39
adenylcyclase, dimethyl sulfoxide, aprotic solvents, glucagon, cell membranes; liver, rats, 310, 231
adenylcyclase, guanine nucleotides, GTPase; platelets, man, 310, 121
adenylcyclase, kainic acid, cGMP, harmaline, isoniazid; brain, rats, 304, 5
adenylcyclase, magnesium, manganese, calcium, guanylyl-imidodiphosphate; erythrocytes, rats, 303, 145
adenylcyclase, methiothepin, serotoninergic receptors, supersensitivity; brain, rats, 310, 25
adenylcyclase, muscarinic receptors, guanine nucleotides, sodium; heart, rabbit, 310, 113
adenylcyclase, platelet aggregation, alpha-adrenergic agonists, catecholamines; platelets, man, 306, 119
adenylcyclase system, amphetamine, p-hydroxyamphetamine, cAMP-generating system, p-hydroxynorephedrine-stereoisomers; brain, rats, 306, 267
adipsia, consummatory behaviour, aphagia, motor activity; substantia nigra, rats, 313, 51
ADP, ATP, catecholamines; bovine adrenal medulla, 315, 229
adrenal gland, methamphetamine, tyrosine hydroxylase, dopamine; brain, rats, 310, 185
adrenalectomy, ethanol, aminoacids, propranolol, hypophysectomy; rats, 317, 214
adrenaline, adrenoceptors, neurotransmission; heart, toad, 317, 331
adrenaline, extraneuronal uptake, uptake inhibitors; trachea, guinea-pig, 315, 249
adrenaline, inotropic effect, chronotropic effect, phenylephrine, isoproterenol, adrenoceptors; heart, rabbit, 318, 336
adrenaline, noradrenaline, blood vessels; electrical stimulation, saphenous vein, dog, 311, 1
adrenaline, noradrenaline, neuronal uptake, extraneuronal uptake, O-methylation, catecholamines; saphenous vein, dog, 303, 221
adrenergic blockers, tetanus toxin, hypoxia, cardiovascular system; dog, 318, 220
adrenergic mechanism, histamine, noradrenaline; cerebral arteries, cat, 312, 239
adrenergic nerves, goniopora toxin; blood vessels, guinea-pig, 312, 193
adrenoceptor agonists, adrenoceptor antagonists, clonidine, morphine, opiate receptors; ileum, guinea-pig, 314, 83
adrenoceptor agonists, adrenoceptor antagonists, prejunctional effects, postjunctional effects; anococcygeus muscle, rats, 312, 107
adrenoceptor agonists, alpha-adrenoceptors, mianserin, adrenoceptor antagonists; pithed rats, 313, 101
adrenoceptor agonists, receptor selectivity, adrenoceptors, adrenoceptor antagonists; trachea, atrium, guinea-pig, 308, 183
adrenoceptor antagonists, adrenoceptor agonists, clonidine, morphine, opiate receptors; ileum, guinea-pig, 314, 83
adrenoceptor antagonists, adrenoceptor agonists, prejunctional effects, postjunctional effects; anococcygeus muscle, rats, 312, 107
adrenoceptor antagonists, alpha-adrenoceptors, mianserin, adrenoceptor agonists; pithed rats, 313, 101
adrenoceptor antagonists, circadian rhythm, phentolamine, noradrenaline, chlorisondamine; heart, rats, 313, 205
adrenoceptor antagonists, receptor selectivity, adrenoceptors, adrenoceptor agonists; trachea, atrium, guinea-pig, 308, 183
adrenoceptors; rats, rabbit, dog, 318, 10
adrenoceptors, acetylcholine, inotropic effect, muscarinic receptor; heart, rabbit, 320, 152
adrenoceptors, adrenaline, neurotransmission; heart, toad, 317, 331
adrenoceptors, amylase, sympathectomy, postjunctional supersensitivity; parotid gland, rats, 308, 217
adrenoceptors, antidepressants, serotonin receptors; calf brain, 311, 255
adrenoceptors, apomorphine, dopamine; stomach smooth muscle, guinea-pig, 319, 226
adrenoceptors, bupranolol, enantiometric affinity; mammalian myocardium, 313, 1
adrenoceptors, catecholamines, inotropic effect; auricular strips, man, 312, 99
adrenoceptors, catecholamines, sympathectomy, 6-hydroxydopamine; spleen, rats, 307, 227
adrenoceptors, chronotropism, adenylate cyclase, cAMP, pacemaker activity; cardiocytes, rats, chicken, 320, 119
adrenoceptors, divalent metal ions, vasoconstriction, calcium antagonists; pithed rats, 316, 288

adrenoceptors, dopamine, noradrenaline, isoprenaline, neuronal uptake; tracheal muscle, guinea-pig, 315, 15
adrenoceptors, 6-fluoronoradrenaline, noradrenaline, neuronal uptake; rats, rabbit, 317, 1
adrenoceptors, inotropic effect, chronotropic effect, phenylephrine, isoproterenol, adrenaline; heart, rabbit, 318, 336
adrenoceptors, inotropic effect, sympathectomy, extraneuronal uptake; heart, guinea-pig, 316, 8
adrenoceptors, lobotomy, noradrenaline; cerebral cortex, rats, 316, 42
adrenoceptors, nerve endings, catechol-O-methyl-transferase, biophases; saphenous vein, dog, 316, 200
adrenoceptors, noradrenaline, neuronal uptake; heart, guinea-pig, 317, 302
adrenoceptors, prazosin, clonidine; brain membranes, rats, 308, 223
adrenoceptors, prazosin, clonidine; brain, rats, 312, 23
adrenoceptors, prazosin, clonidine, sodium; brain, rats, 312, 105
adrenoceptors, presynaptic feedback mechanism, neurotransmission; saphenous vein, dog, 305, 185
adrenoceptors, receptor selectivity, adrenoceptor agonists, adrenoceptor antagonists; trachea, atrium, guinea-pig, 308, 183
adrenoceptors, salivary secretion, sympathectomy, postjunctional supersensitivity; parotid gland, rats, 308, 211
adrenoceptors, seasonal variation; renal vasculature, toads, 320, 246
adrenoceptors, slow action potential, inotropic effect; heart, rabbit, 318, 330
adrenoceptors, sympathomimetic agonists, catechol-O-methyl-transferase; vasculature, dog, 316, 195
adrenoceptors, thermoregulation, dopamine, noradrenaline, FLA-63, noradrenoceptors; sheep, 303, 263
adrenoceptors, thermoregulation, dopamine receptors; mastomys natalensis, 318, 38
adrenoceptors, WB 4101; pithed rats, 319, 222
adriamycin, cardiotoxicity, calcium, inotropic effect; rats, guinea-pig, 317, 252
afterpotentials, triggered-activity; heart, dog, 317, 339
age, diazepam, pharmakokinetics, body composition; brain, rats, 307, 167
age, imipramine, antidepressants, sex; human platelets, 313, 189
agonism:antagonism, demethylbupranolol, beta-adrenoceptors; analysis plot, cat, guinea-pig, 320, 130
agonist binding, pilocarpine; cerebral cortex, rats, 317, 126
agonists, melanocyte-stimulating hormone, dopaminergic agonists, cholinergic; rats, 316, 155
agonists-antagonists, opiate receptor subtypes, narcotic analgesic drugs; ileum, vas deferens, 319, 197
akinesia, alpha-motoneurons, haloperidol, apomorphine, catalepsy; spinal cord, rats, 308, 149
akinesia, morphine, alpha-motoneurones; striatum, rats, 317, 44
akinesia, morphine, catalepsy, muscular rigidity; nucleus accumbens, rats, 318, 143
akinesia, morphine, locomotor activity, catalepsy, alpha-motoneurones; nucleus accumbens, rats, 320, 101
alcohol intoxication, catecholamines, serotonin, 6-hydroxydopamine, 5,7-dihydroxytryptamine; brain, rats, 308, 165
alcohols, adenylate cyclase; adipocytes, rats, 302, 37
algesic substance, bradykinin; dental pulp, dog, 306, 29
alinidine, bradycardia, pacemaker; chicken, guinea-pig, 316, 172
alpha-adrenargic agonists, adenylate cyclase, prostaglandins, nicotinic acid; adipocytes, hamster, 312, 167
alpha-adrenergic agonists, platelet aggregation, adenylcyclase, catecholamines; platelets, man, 306, 119
alpha-adrenergic receptor subtypes, renal blood flow, femoral blood flow; resistance vessels, dog, 318, 166
alpha-adrenoceptor agonists, alpha-adrenoceptor antagonists, blood pressure; brain, rats, 317, 120
alpha-adrenoceptor agonists, gastric secretion, clonidine, oxymetazoline; pylorus-ligated rats, 320, 170
alpha-adrenoceptor agonists, inotropic effect; heart, guinea-pig, 316, 108
alpha-adrenoceptor agonists, intraocular pressure, antiglaucomatous agents; eye, rabbit, 316, 294
alpha-adrenoceptor agonists, sympathetic transmission, noradrenaline, clonidine; heart, rats, 309, 225
alpha-adrenoceptor antagonist, labetalol, noradrenaline; anococcygeus muscle, 305, 103
alpha-adrenoceptor antagonists, alpha-adrenoceptor agonists, blood pressure; brain, rats, 317, 120
alpha-adrenoceptor antagonists, larus argentatus, clonidine, cardiovascular effect; sea gull, 318, 62
alpha-adrenoceptors; brain, rats, 318, 1
alpha-adrenoceptors, aminotetralins; rabbit ear, WB 4101 binding, 318, 267
alpha-adrenoceptors, antidepressants, clonidine, pargyline; brain, rats, 320, 90
alpha-adrenoceptors, benzamide derivatives; stomach musculature, guinea-pig, 319, 8
alpha-adrenoceptors, B-HT 933, yohimbine diastereoisomers, vasoconstriction; pithed rats, 313, 17
alpha-adrenoceptors, B-HT 958, pre:postsynaptic activity ratio; rats, cat, 320, 110
alpha-adrenoceptors, catecholamine-liberating agents, noradrenaline-reuptake inhibitors; convulsions, quaking mice, 318, 94
alpha-adrenoceptors, clonidine; locomotor activity, rats, 311, 41
alpha-adrenoceptors, clonidine, B-HT 920, motor activity, sedation; behaviour, mice, 317, 180
alpha-adrenoceptors, clonidine, cholinergic transmission, yohimbine stereoisomers; ileum, guinea-pig, 309, 207
alpha-adrenoceptors, clonidine, flupenthixol, haloperidol, dopamine; locomotion, rats, 313, 33
alpha-adrenoceptors, clonidine, 5-hydroxytryptamine, hypothermia, vasodilatation; cerebroventricular injection, rabbit, 315, 195
alpha-adrenoceptors, clonidine, noradrenaline, cocaine, phentolamine; atria, guinea-pig, 304, 215
alpha-adrenoceptors, clonidine, noradrenaline, phenylephrine; cortical neurones, rats, 320, 230
alpha-adrenoceptors, clonidine, noradrenaline, WB 4101 binding, withdrawal syndrome; rats, 320, 115
alpha-adrenoceptors, clonidine-like substances, CNS; rats, 315, 21
alpha-adrenoceptors, divalent cation sites, magnesium; brain, rats, 314, 101
alpha-adrenoceptors, dopamine; ileum, guinea-pig, 318, 308
alpha-adrenoceptors, dopamine receptor antagonists, dopamine, noradrenaline release; heart, rabbit, 305, 109
alpha-adrenoceptors, dopamine receptors, noradrenaline; vas deferens, rats, 318, 202
alpha-adrenoceptors, ergot alkaloids, hydergine, serotonin; vasculature, dog, 318, 225
alpha-adrenoceptors, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl)-2-b, prazosin, phenoxybenzamine, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl; blood pressure, rats, 302, 299
alpha-adrenoceptors, haloperidol, phenoxybenzamine, yohimbine, phentolamine; locomotor activity, mice, 303, 153
alpha-adrenoceptors, 5-hydroxytryptamine, noradrenaline, serotoninergic neurones; brain cortex, rats, 313, 21
alpha-adrenoceptors, imidazolidines, clonidine; ear artery, rabbit, 309, 217
alpha-adrenoceptors, insulin, yohimbine, prazosin; pancreatic islets, rats, 313, 151
alpha-adrenoceptors, intestinal secretion, cholera toxin; intestinal loops, rats, 318, 181
alpha-adrenoceptors, ion permeability, noradrenaline, 4-aminopyridine; brain, rats, 317, 103
alpha-adrenoceptors, mianserin, adrenoceptor agonists, adrenoceptor antagonists; pithed rats, 313, 101

alpha2-adrenoceptors, mianserin, clonidine; dog, guinea-pig, chicken, 318, 288
alpha-adrenoceptors, Mianserin metabolites, noradrenaline uptake; brain, rats, 319, 48
alpha-adrenoceptors, myenteric plexus, yohimbine, tolazoline, phentolamine; ileum, guinea-pig, 309, 255
alpha-adrenoceptors, neuroleptics, noradrenaline; cerebral cortex, rats, 315, 103
alpha-adrenoceptors, noradrenaline; saphenous vein, dog, 314, 249
alpha-adrenoceptors, noradrenaline; brain cortex, rabbit, 319, 71
alpha-adrenoceptors, noradrenaline, desipramine, synaptosomes, 5-hydroxytryptamine; brain, rats, 318, 173
alpha-adrenoceptors, noradrenaline, oxymetazoline, phentolamine, yohimbine; synaptosomes, rats, 303, 193
alpha-adrenoceptors, noradrenergic neurotransmission, alpha-blockers; rats, 311, 129
alpha-adrenoceptors, norepinephrine, beta-adrenoceptors; hippocampus, rats, 318, 259
alpha-adrenoceptors, opiate receptors, calcium, enkephalin, noradrenaline; brain, rats, 307, 21
alpha-adrenoceptors, phenoxybenzamine, prazosin, rauwolscine; aorta, rabbit, 317, 5
alpha-adrenoceptors, phenoxybenzamine, yohimbine, corynanthine, prazosin, propranolol; blood pressure, dog, 314, 149
alpha-adrenoceptors, phenylephrine, cAMP, propranolol, phentolamine, inotropic effect; heart, cat, 303, 205
alpha-adrenoceptors, phenylephrine, inotropic effect; heart, monkey, 318, 370
alpha-adrenoceptors, phenylephrine, positive inotropic effects; heart, man, 302, 333
alpha-adrenoceptors, phenylephrine, tramazoline, sympathetic neurotransmission; vasculature, rabbit, 304, 223
alpha-adrenoceptors, platelet aggregation, adenylate cyclase, beta-adrenoceptors, receptors, beta-blockers; man, 302, 285
alpha-adrenoceptors, prazosin, antihypertensives; brain, rats, 317, 273
alpha-adrenoceptors, presynaptic receptors, noradrenaline, potassium, phentolamine; submaxillary gland, rats, 304, 21
alpha-adrenoceptors, propylthiouracil; rats, guinea-pig, cat, 302, 239
alpha-adrenoceptors, prostaglandin E2, noradrenaline; splenic pulpa, rabbit, 316, 1
alpha-adrenoceptors, quipazine, serotoninergic system, noradrenergic system, serotonin receptors; brain, rats, 317, 204
alpha-adrenoceptors, serotonin, noradrenaline, guanethidine, 6-hydroxydopamine; brain cortex, rats, 320, 38
alpha-adrenoceptors, serotoninergic system; brain, rats, 317, 199
alpha-adrenoceptors, sympathomimetic transmission; arteries, dog, 319, 1
alpha-adrenoceptors, thyroid hormones, WB 4101; cerebral cortex, rats, 45
alpha-adrenoceptors, tyramine, isoprenaline, catecholamines, renin; rats, 303, 139
alpha-adrenoceptors, WB 4101, prazosin, desipramine; vas deferens, rats, 317, 187
alpha-adrenoceptors, WB-4101, receptor binding, 6-hydroxydopamine; heart, rats, 307, 223
alpha-adrenoceptors, yohimbine diastereoisomers, rauwolscine, corynanthine; rats, 315, 227
alpha-adrenoceptors, yohimbine stereoisomers, rauwolscine, corynanthine; pulmonary arteries, rabbit, 308, 127
alpha-adrenolytics, alpha-receptors, clonidine, drug interaction; exploratory activity, rats, 307, 115
alpha-autoreceptors, alpha-methyldopa, FLA 136, noradrenaline; rats, 306, 263
alpha-blockers, noradrenergic neurotransmission, alpha-adrenoceptors; rats, 311, 129
alpha-flupenthixol, substance P, GABA, 5-hydroxytryptamine, dopamine; substantia nigra, rats, 304, 271
alpha-hexachlorocyclohexane, cytidine, enzyme induction; liver, rats, 303, 101
alpha-methyldopa, FLA 136, alpha-autoreceptors, noradrenaline; rats, 306, 263
alpha-methyldopa, yohimbine, phenoxybenzamine; pupil, cat, 314, 1, 135
alpha-methyl-DOPA, yohimbine, prazosine; pupillary response, cat, 320, 58
alpha-methyl-p-tyrosine, amphetamine, motor activity; brain, rats, 304, 125
alpha-methyl-p-tyrosine, time-response, dose-response, catecholamines; brain, rats, 304, 111
alpha-motoneurones, morphine, akinesia; striatum, rats, 317, 44
alpha-motoneurones, morphine, locomotor activity, catalepsy, akinesia; nucleus accumbens, rats, 320, 101
alpha-motoneurons, haloperidol, apomorphine, akinesia, catalepsy; spinal cord, rats, 308, 149
alpha-naphthoflavone, biphenyl metabolism, methyrapone, enzyme induction, differential inhibition; liver, rats, 304, 297
alpha-noradrenoceptors, clonidine, guanyl nucleotides, sodium, magnesium; cerebral cortex, rats, 306, 67
alpha-receptors, alpha-adrenolytics, clonidine, drug interaction; exploratory activity, rats, 307, 115
alprenolol, parathyroid gland, beta-adrenoceptors; man, 313, 195
alprenolol, phentolamine, prenylamine, action potential, sodium system; heart, guinea-pig, 304, 191
amezinium, monoamine oxidase; heart, rats, 314, 13
amezinium, monoamine oxidase, noradrenaline; heart, artery, rabbit, 314, 1
amino acids, ethanol, blood-brain barrier; brain, rats, 314, 47
aminoacid antagonists, dopamine, glutamate, aspartate; substantia nigra, rats, 318, 100
aminoacids, ethanol, propranolol, adrenalectomy, hypophysectomy; rats, 317, 214
aminoacids, pentobarbital, diazepam, neurotransmitters; blood, rats, 317, 165
aminocetic acid, GABA, GABAergic neurones; brain, rats, 313, 221
6-aminonicotinamide, acetylcholinesterase, growth inhibition, cell differentiation; neuroblastoma cells, 305, 117
6-aminonicotinamide, dopamine, DOPA, noradrenaline, dopaminergic transmission; brain, rats, 304, 317
aminophylline, calcium, verapamil, isoprenaline, cAMP; diaphragma, rats, 303, 47
4-aminopyridine, acetylcholine, pentobarbital, tetracaine; heart, 312, 7
4-aminopyridine, inotropic effect, catecholamines, action potential, calcium; heart, dog, 307, 207
4-aminopyridine, ion permeability, noradrenaline, alpha-adrenoceptors; brain, rats, 317, 103
4-aminopyridine, sympathetic ganglion, GABA; cervical ganglion, rats, 314, 141
aminopyrine, adenylate cyclase, beta-adrenoceptors, catecholamines, hexoprenaline; gastric mucosa, rats, 320, 175
aminopyrine breath test, drug metabolism, N-demethylation; guinea-pig, 313, 175
aminotetralins, alpha-adrenoceptors; rabbit ear, WB 4101 binding, 318, 267
2-aminotetralins, dopamine agonists, structure-activity relations; striatum, rats, 313, 213
aminoxyacetic acid, GABA, GABAergic mechanism; brain, rats, 312, 51
amitriptyline, antidepressants, 3-methoxy-4-hydroxyphenylglycol, clonidine, desipramine; brain, rats, 305, 207
amitriptyline, mianserin, viloxazine, ganglionic receptors; cervical ganglion, cat, 316, 161
amodiaquine, prostaglandins, antimalarials; ileum, guinea-pig, 313, 165
amphetamine, alpha-methyl-p-tyrosine, motor activity; brain, rats, 304, 125
amphetamine, clonidine, yohimbine, monoamines; iris, cat, 309, 235
amphetamine, dopaminergic neurone, monoamine oxidase, dopamine; striatum, substantia nigra, rats, 311, 45

amphetamine, dopaminergic system, kainic acid, drug-brain interactions; substantia nigra, rats, 304, 255
amphetamine, GABA, glutamate, electrocorticogram; cerebral cortex, rats, 316, 235
amphetamine, haloperidol, apomorphine, dopaminergic supersensitivity; stereotypy, rats, 313, 131
amphetamine, 5-hydroxytryptamine, locomotor activity, stereotypy; behavioural testing, rats, 308, 51
amphetamine, p-hydroxyamphetamine, cAMP-generating system, p-hydroxynorephedrine-stereoisomers, adenylcyclase system; brain, rats, 306, 267
amrinone, inotropic effect, cAMP, phosphodiesterase inhibitor; heart, guinea-pig, 318, 112
amygdala, serotonin, dopamine; stereotypy, rats, 312, 235
amylase, sympathectomy, postjunctional supersensitivity, adrenoceptors; parotid gland, rats, 308, 217
analgesia, clonidine, morphine, antinociception; rats, 304, 1
analgesia, tilidine, opiate receptors, physical dependence; rats, guinea-pig, 304, 89
analgesics, methylphenidate, apomorphine, antidopaminergic activity; stereotypy, mice, 312, 225
anaphylatoxin, chemotaxis, complement peptides; leukocytes, 305, 181
anaphylaxis, ketotifen, clemastine, mepyramine, anti-anaphylactic effect, anti-histaminic effect; rats, 316, 186
anaphylaxis, Prostaglandin B2, thromboxane, indomethacin, radioimmunoassay; guinea-pig, 305, 247
anesthesia, lipophilic drugs, hexokinase, psychopharmaca, mitochondria; brain, rats, 307, 171
anesthetics, membrane lipids, 5-hydroxytryptamine; membranes, rats, 307, 199
angiotensin, bradykinin, substance P; atrium, guinea-pig, 312, 63
angiotensin2, saralasin, GABA, chronotropism; cardiac ganglia, dog, 317, 149
angiotensin converting enzyme, bradykinin, prostaglandin, indomethacin, SQ 14,225; blood pressure, rats, 308, 111
anorectic activity, serotonin, metachlorophenylpiperazine, catecholamines; synaptosomes, rats, 308, 159
anti-anaphylactic effect, ketotifen, clemastine, mepyramine, anaphylaxis, anti-histaminic effect; rats, 316, 186
antiarrhythmia, neuroleptics, action potential, inotropic effect; heart, guinea-pig, 304, 27
antiarrhythmic, clonidine-N-allyl-derivative, bradycardia, negative inotropic effect; guinea-pig, rats, cat, 306, 255
antiarrhythmic activity, isoquinoline derivatives, inotropic effect, action potential, ATPase; cat, guinea-pig, 312, 187
antiarrhythmic drugs, propafenone; heart, guinea-pig, 315, 55
antiarrhythmics, 2,4-dinitrophenol, lidocaine; purkinje fibres, dog, 313, 11
antiarrhythmics, screening method; arrhythmia, rabbit, 317, 81
antiarrhythmics, TH-494, action potential; rabbit, guinea-pig, 317, 238
antiarrhytmic drugs, procainamide, action potential; heart, guinea-pig, 309, 179
antiasthmatics, sodium nitroprusside, isoprenaline, pulmonary drug resorption, blood pressure; rats, guinea-pigs, 306, 203
anticholinergic activity, tandamine, biogenic amines, desipramine, muscarinic receptors; brain, rats, 308, 239
anticoagulants, antiinflammation, warfarin, phylloquinone; paw, rats, 307, 185
anticonvulsants, calcium, methotrexate, phenytoin; mice, 315, 63
anticonvulsants, GABA; experimental epilepsy, mice, 315, 119
anticonvulsants, prostaglandins, thromboxane, convulsive drugs, cyclooxygenase; brain, mice, 310, 53
anticonvulsants, seizure threshold, GABA; brain, mice, 317, 131
anticonvulsive effect, benzodiazepin receptor, non-benzodiazepine drugs, methaqualone, anxiolytic effect; synaptosomes, rats, 305, 23
antidepressants, alpha-adrenoceptors, clonidine, pargyline; brain, rats, 320, 90
antidepressants, antimuscarinic activity, sympathetic nerv; ear artery, rabbit, 320, 14
antidepressants, cAMP, beta-adrenoceptors, serotonin, adenylate cyclase; brain, rats, 316, 218
antidepressants, imipramine, age, sex; human platelets, 313, 189
antidepressants, lithium, 5-hydroxytryptamine; hypocampus, rats, 307, 129
antidepressants, LSD, serotonin; raphe, rats, 314, 123
antidepressants, 3-methoxy-4-hydroxyphenylglycol, clonidine, desipramine, amitriptyline; brain, rats, 305, 207
antidepressants, nomifensine, acetylcholine turnover, apomorphine; brain, rats, 304, 263
antidepressants, noradrenaline, 5-hydroxytryptamine; brain cortex, rats, 319, 66
antidepressants, perazine, cholesterol, lipoproteins; protein binding, man, 308, 1
antidepressants, protein binding, lipoproteins; human plasma, 314, 61
antidepressants, serotonin, imipramine, nitroimipramine; human platelets, 320, 45
antidepressants, serotonin receptors, adrenoceptors; calf brain, 311, 255
antidepressants, serotonin turnover, catecholaminergic system, serotoninergic system; brain, rats, 306, 75
antidepressants, tandamine, guanethidine; arousal reaction, cat, guinea-pig, rabbit, 302, 107
antidiarrhoeal action, intestinal secretion, opiates, bisacodyl, osmotic laxatives; intestine, rats, 306, 113
antidiuresis, phyllomedusa sauvagii, sauvagine, blood pressure; rats, 312, 265
antidopaminergic activity, analgesics, methylphenidate, apomorphine; stereotypy, mice, 312, 225
antidromic vasodilatation, substance P, neurogenic plasma extravasation, pain fibres, histamine, mast cells; rats, 310, 175
antiglaucomatous agents, alpha-adrenoceptor agonists, intraocular pressure; eye, rabbit, 316, 294
anti-histaminic effect, ketotifen, clemastine, mepyramine, anaphylaxis, anti-anaphylactic effect; rats, 316, 186
antihypertensive agents, R 28935, brain distribution; brain, cat, 309, 281
antihypertensive drugs, guanfacine, clonidine, withdrawal; blood pressure, heart rate, rats, 319, 82
antihypertensive drugs, N,N-di-n-propyldopamine, dopamine receptors; cat, dog, 314, 17
antihypertensives, alpha-adrenoceptors, prazosin; brain, rats, 317, 273
antiinflammation, warfarin, phylloquinone, anticoagulants; paw, rats, 307, 185
anti-inflammatory agents, ibuprofen, flurbiprofen, cathepsin D, cytoprotective effect; liver, cat, 311, 79
antiinflammatory drugs, cyclooxygenase, tromboxane A2, prostacyclin; platelets, coronary arteries, 313, 69
anti-inflammatory drugs, prostaglandin, structur-activity assay, tumor promoter; macrophages, mice, 315, 269
antiinflammatory steroids, prostaglandins, membrane stabilizing; ileum, guinea-pig, 309, 191
antilipolytic agents, adenylate cyclase, nicotinic acid; adipocytes, golden hamster, 318, 241
antimalarials, amodiaquine, prostaglandins; ileum, guinea-pig, 313, 165
antimuscarinic activity, antidepressants, sympathetic nerv; ear artery, rabbit, 320, 14
antimuscarinic effect, AQA-39, action potential, potassium current, calcium channels; sinoatrial node, rabbit, 317, 233
antinociception, clonidine, morphine, analgesia; rats, 304, 1
antinociception, morphine, beta-endorphin, bicuculline, GABA; tail flick, rats, 316, 231
antinociception, morphine, muscimol, bicuculline; brain, rats, 318, 368
antinociception, morphine, noradrenaline, dopamine, 6-hydroxydopa, 6-hydroxydopamine; mice, rats, 305, 227

anti-nociceptive effect, morphine, opioid analgesics, haloperidol, caudate nucleus; tail-flick response, rats, 309, 145
anti-nociceptive effect, reserpine, haloperidol, nigrostriatal feedback system; tail-flick response, rats, 306, 97
antioxidants, ethoxyquin, 3-methylcholanthrene, UDP-glucuronosyltransferase; rats, 310, 249
antipyrine, intestinal absorption, drugs, urea, salicylic acid; intestine, rats, 306, 105
antipyrine, intestinal absorption, phenylalanine, butanol, urea, salicylic acid; jejunum, rats, 304, 175
antischistosomal drugs, praziquantel, membrane transport, benzodiazepines; schistosomes, 304, 309
antistress effect, enkephalin, diazepam; brain, rats, 309, 1
antitumoral activity, difluoromethylornithine, ornithine decarboxylase; mammary tumours, rats, 320, 72
anxiolytic effect, benzodiazepin receptor, non-benzodiazepine drugs, methaqualone, anticonvulsive effect; synaptosomes, rats, 305, 23
aortic constriction, adenosine, ureteral obstruction, prostaglandins; kidney, rats, 317, 86
apamin, smooth muscle relaxants, noradrenergic inhibitory nerves, ATP; caecum, guinea-pig, 311, 105
aphagia, consummatory behaviour, adipsia, motor activity; substantia nigra, rats, 313, 51
apnoea, GABA; rats, 308, 55
apomorphine, adrenoceptors, dopamine; stomach smooth muscle, guinea-pig, 319, 226
apomorphine, alpha-motoneurons, haloperidol, akinesia, catalepsy; spinal cord, rats, 308, 149
apomorphine, analgesics, methylphenidate, antidopaminergic activity; stereotypy, mice, 312, 225
apomorphine, carbachol, dopamine receptors, acetylcholine receptors; substantia nigra, rabbit, 302, 123
apomorphine, domperidone, spiperone, dopamine receptors; striatum, rats, 308, 231
apomorphine, DOPA, tyrosine hydroxylase; neuroblastoma cells, mice, 320, 85
apomorphine, dopamine, tetrodotoxin, bromocriptine, chlorpromazine, haloperidol; nucleus caudatus, rabbit, 305, 27
apomorphine, dopamine receptors, domperidone; brain, rats, 315, 89
apomorphine, dopamine receptors, kainic acid, supersensitivity; brain, rats, 312, 161
apomorphine, dopaminergic system, fluphenazine, supersensitivity; brain, rats, 312, 151
apomorphine, dorsal root potentials, dopaminergic neurons, interneurons; spinal cord, cat, 310, 21
apomorphine, haloperidol, amphetamine, dopaminergic supersensitivity; stereotypy, rats, 313, 131
apomorphine, muscimol, GABA receptors, dopamine receptors, turning behaviour; brain, rats, 310, 43
apomorphine, naloxone, withdrawal, dopamine, clonidine; tolerance, dependence, rats, 305, 1
apomorphine, nomifensine, antidepressants, acetylcholine turnover; brain, rats, 304, 263
apomorphine, potassium, haloperidol, tetrodotoxin, dopamine receptors; caudate nucleus, rats, 314, 129
apomorphine dipivaloylester, dopamine, dopamine receptors, haloperidol; brain, rats, 303, 271
aprotic solvents, dimethyl sulfoxide, adenylcyclase, glucagon, cell membranes; liver, rats, 310, 231
AQA-39, action potential, potassium current, calcium channels, antimuscarinic effect; sinoatrial node, rabbit, 317, 233
AQA-39, calcium channels, postassium current; heart, rabbit, 317, 228
arachidonic acid, cGMP, mepacrine, calcium, sodium nitroprusside; ductus deferens, rats, 311, 71
arachidonic acid, histamine, prostaglandins, histamine receptors; ear, rabbit, 314, 183
arachidonic acid, malondialdehyde, acetylsalicylic acid, indomethacin, cyclo-oxygenase; platelets, rats, 312, 85
arachidonic acid, prostaglandins, nicotine, muscarinic receptors; ear, rabbit, 317, 345
arginine-vasopressin, cardiovascular regulation; hypertensive rats, 315, 83
ARL-115, ouabain, calcium; bovine adrenal medulla, cat atria, 320, 255
arterial wall, prostacyclin, cAMP, phosphodiesterase inhibitor; coronary arteries, cattle, 308, 107
ascorbate, dopamine receptors, neuroleptics; striatum, cat, rats, 317, 31
aspartate, aminoacid antagonists, dopamine, glutamate; substantia nigra, rats, 318, 100
atenolol, isoprenaline, salbutamole, cAMP, propranolol; skeletal muscle, guinea-pig, 305, 201
atherosclerotic plaque, dipyridamole, prostaglandin, cAMP; platelets, aortic wall, rabbitt, 309, 59
ATP, apamin, smooth muscle relaxants, noradrenergic inhibitory nerves; caecum, guinea-pig, 311, 105
ATP, catecholamines, ADP; bovine adrenal medulla, 315, 229
ATP, chromaffin granules, calcium, catecholamine uptake; bovine adrenal medulla, 315, 255
ATP, non-cholinergic transmission, non-adrenergic transmission; small intestine, guinea-pig, 319, 108
ATP, vanadium, isoproterenol, phosphatase; kidney, man, 307, 191
ATPase, adenosine nucleotides; bovine adrenal medulla, 309, 29
ATPase, cardenolides, inotropic effect, digitalis receptor; heart, guinea-pig, 304, 37
ATPase, cardiac glycosides, ouabain, potassium; enzyme preparations, 304, 157
ATPase, cardiac glycosides, tissue distribution, neurotoxicity, glycoside receptors; heart, brain, dog, 307, 65
ATPase, cardiotonic agents, inotropic receptor, monensin, cassaine, actodigin, species differences; guinea-pig, rats, rabbit, 308, 81
ATPase, digitalis glycosides, dehydro-digitoxosides; 306, 11
ATPase, diphenolic laxatives, cyclic nucleotides; colon, rats, 313, 249
ATPase, isoquinoline derivatives, inotropic effect, antiarrhythmic activity, action potential; cat, guinea-pig, 312, 187
ATPase, Lithium, thallium, inotropic effect, sodium pump; atria, guinea-pig, 304, 167
ATPase, N-ethylmaleimide, inotropic effect, ouabain; heart, guinea-pig, 303, 197
ATPase, palytoxin, ouabain, permeability, surface activity; erythrocytes, 319, 101
ATPase, para-chloromercuriphenylsulfonic acid, cardiac glycosides; heart guinea-pig, 318, 121
ATPase, phosphoryl group transfering enzyme; bovine adrenal medulla, 309, 45
atrioventricular conduction, verapamil, tetrodotoxin, sodium channel, calcium channel; atrioventricular node, dog, 308, 89
atrioventricular junction, verapamil, nifedipine, pacemaker; heart, dog, 315, 241
atropine, acetylcholine, muscarinic receptors; brain, rats, 303, 279
atropine, carbachol, muscarine receptors; iris, man, 306, 209
atropine, pepsin, gastric secretion, ethanol, cimetidine; stomach, rat, 304, 63
atropine, physostigmine, acetylcholine, choline, cholinesterase inhibitor; brain, mice, 308, 61
autonomic receptors, cAMP, potassium; sublingual gland, rats, 318, 313
avoidance response, 3-chlorophenylpiperazine, locomotor activitiy; mice strains, 319, 271
axonal transport, neurogenic oedema, sensory nerves, colchicine; saphenous nerve, rats, 314, 277
axoplasmatic transport, substance P, vagus nerv; 5 species, 306, 37
azapropazone, serum albumin, drug binding, binding inhibitors; man, 313, 159
A23187, prostaglandin, phospholipase A2, bradykinin, calcium; ear, rabbit, 307, 177

B

baby food, endorphins, milk; ileum, guinea-pig, 306, 301
bacitracin, substance P, salivation; salivary gland, rats, 305, 9
baclofen, GABA, muscimol, blood pressure; nucleus tractus solitarii, cat, 319, 168

baclofen, GABAergic mechanism, gamma-hydroxybutyric acid, respiration, muscimol; rats, 317, 315

baclofen, GABA-receptors, motor activity, GABA-analogues; brain, rats, 302, 133

baclofen, muscimol, GABA, rotational behaviour, GABA receptors; substantia nigra, rats, 306, 275

baclofen, substance P, somatostatin; spinal cord, rats, 319, 78

barbiturates, organic ion transport, lipid bilayers; liposomes, 319, 185

barium, membrane conductance; kidney, necturus, 318, 135

barium, membrane resistance, calcium, action potential; heart, guinea-pig, 315, 47

baroreceptor, opiate receptors, opiates, naloxone; blood pressure, rabbit, 319, 206

baroreceptor neurones, substance P, neurotransmitter, neuromodulator; cats, rats, 314, 111

baroreceptors, indomethacin, meclofenamate, renin; adrenalectomy, rats, 309, 25

bathmotropic effect, dihydro-ouabain, propranolol, inotropic effect, beta-adrenoceptors; heart, guinea-pig, 307, 99

behaviour, body temperature, electrocortical activity, serotonin; cerebral ventricle, fowl, 312, 229

behaviour, GABA receptors, dopaminergic neurones, stereotypy; substantia nigra, cat, 317, 54

behaviour, indolalkylamines, 6-hydroxy-tetrahydroharmane, hypothermia, nociception; man, rats, 310, 35

benzamide derivatives, alpha-adrenoceptors; stomach musculature, guinea-pig, 319, 8

benzo(a)pyrene, DNA, beta-naphthoflavone, monooxygenase inducer; lung, rats, 303, 303

benzo(a)pyrene monooxygenase, enzyme coupling, enzyme induction, detoxication, UDP-glucuronyltransferase; liver microsomes, rats, 304, 77

benzodiazepin receptor, non-benzodiazepine drugs, methaqualone, anxiolytic effect, anticonvulsive effect; synaptosomes, rats, 305, 23

benzodiazepine antagonists; cat, rats, 316, 317

benzodiazepine receptor, harmane; tissue homogenates, 314, 97

benzodiazepine receptor, receptor subclasses, GABAergic modulation; bovine CNS, 319, 172

benzodiazepines, antischistosomal drugs, praziquantel, membrane transport; schistosomes, 304, 309

benzodiazepines, catalepsy, muscimol, haloperidol, gabaculine, gabaergic transmission; brain, rats, 305, 219

benzodiazepines, procain, gamma motor system; muscle spindle, cat, 302, 91

erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl)-2-b, prazosin, phenoxybenzamine, alpha-adrenoceptors; blood pressure, rats, 302, 299

beta-adrenoceptor agonists, beta-adrenoceptor antagonists, salbutamol; brain, rats, 316, 225

beta-adrenoceptor agonists, cAMP, adenylate cyclase, beta-adrenoceptors; heart, cat, 318, 185

beta-adrenoceptor agonists, prenalterol, beta-adrenoceptor antagonists; heart, trachea, guinea-pig, 315, 85

beta-adrenoceptor agonists, salbutamol, serotoninergic system; brain, rats, 317, 115

beta-adrenoceptor antagonists, beta-adrenoceptor agonists, salbutamol; brain, rats, 316, 225

beta-adrenoceptor antagonists, insulin; glucose tolerance test, dog, 320, 63

beta-adrenoceptor antagonists, prenalterol, beta-adrenoceptor agonists; heart, trachea, guinea-pig, 315, 85

beta-adrenoceptor blockers, adenylcyclase, chronotropic effect, sinoatrial node, isoprenaline; heart, rats, cat, 307, 1

beta-adrenoceptor blockers, local anesthetics, potentials; artificial membranes, 310, 195

beta-adrenoceptoragonists-antagonists, temperature, selectivity; lung, rabbit, 316, 278

beta-adrenoceptors; reticulocytes, rats, 317, 286

beta-adrenoceptors, adenylate cyclase, aminopyrine, catecholamines, hexoprenaline; gastric mucosa, rats, 320, 175

beta-adrenoceptors, adenylate cyclase, desensitization, isoprenaline; reticulocytes, rats, 317, 294

beta-adrenoceptors, beta-blockers, isoproterenol; heart, cat, guinea-pig, 311, 219

beta-adrenoceptors, bupranolol, binding kinetics, saturation binding; heart, cat, 317, 19

beta-adrenoceptors, cAMP, adenylate cyclase, beta-adrenoceptor agonists; heart, cat, 318, 185

beta-adrenoceptors, cAMP, serotonin, adenylate cyclase, antidepressants; brain, rats, 316, 218

beta-adrenoceptors, carazolol, adenylcyclase; heart, kitten, toad, 303, 295

beta-adrenoceptors, catecholamines, adenylcyclase, cAMP; adrenal medulla, rats, 307, 39

beta-adrenoceptors, catecholamines, inotropic effect, adenylate cyclase, bupranolol; human myocardium, 319, 216

beta-adrenoceptors, catecholamines, propranolol; heart, kitten, 305, 97

beta-adrenoceptors, clenbuterol, equilibrium dissociation constants, relative efficacy; jugular vein, atrium, rats, 320, 145

beta-adrenoceptors, demethylbupranolol, agonism:antagonism; analysis plot, cat, guinea-pig, 320, 130

beta-adrenoceptors, depressor response, bradycardia; hypothalamus, cat, 312, 27

beta-adrenoceptors, diazoxide, blood pressure, hyperglycemia, uterine relaxation; rats, 316, 190

beta-adrenoceptors, diazoxide, propranolol, hyperglycaemia, renin-angiotensin-system; rabbit, 303, 15

beta-adrenoceptors, dihydroalprenolol, propranolol; heart cells, rats, 303, 107

beta-adrenoceptors, dihydroalprenolol, stereospecifity, adenylcyclase, reticulocytes; erythrocytes, rats, 305, 41

beta-adrenoceptors, dihydro-ouabain, propranolol, inotropic effect, bathmotropic effect; heart, guinea-pig, 307, 99

beta-adrenoceptors, dobutamine, isoprenaline, chronotropic effect, terbutaline; atrium, trachea, guinea-pig, 309, 19

beta-adrenoceptors, haemophilus influenzae, catecholamines; tracheal spirals, guinea-Pig, 320, 235

beta-adrenoceptors, inotropic effect, intrinsic activity, adenylate cyclase; heart, cat, 317, 13

beta-adrenoceptors, iodocyanopindolol; heart, guinea-pig, 318, 319

beta-adrenoceptors, iodocyanopindolol, radioligand binding; rats, guinea-pig, 317, 277

beta-adrenoceptors, neuronal firing rate, noradrenergic neurones; locus coeruleus, rats, 317, 26

beta-adrenoceptors, norepinephrine, alpha-adrenoceptors; hippocampus, rats, 318, 259

beta-adrenoceptors, oxyfedrine, inotropic effect, isoprenaline, theophylline; heart, guinea-pig, 309, 109

beta-adrenoceptors, pacemaker, purkinje fibres, penbutolol, sympathomimetic drugs; sheep, 307, 9

beta-adrenoceptors, parathyroid gland, alprenolol; man, 313, 195

beta-adrenoceptors, pharmacokinetics; dog, 316, 19

beta-adrenoceptors, platelet aggregation, adenylate cyclase, alpha-adrenoceptors, receptors, beta-blockers; man, 302, 285

beta-adrenoceptors, propranolol, blood pressure, cardiovascular effects; hypertensive rats, 309, 13

beta-adrenoceptors, reserpine, isoprenaline supersensitivity; heart, muscle, guinea-pig, 320, 240

beta-adrenoceptors, solubilisation, guanyl nucleotides; lung, guinea-pig, 305, 191

beta-blockers, action potential, structure-activity relationship; heart, guinea-pig, 317, 245

beta-blockers, inotropic effect; heart, cat, guinea-pig, 311, 205

beta-blockers, isoproterenol, beta-adrenoceptors; heart, cat, guinea-pig, 311, 219

beta-blockers, platelet aggregation, adenylate cyclase, alpha-adrenoceptors, beta-adrenoceptors, receptors; man, 302, 285

beta-blockers, sympathomimetic effect; heart, cat, guinea-pig, 311, 237
beta-cell thiols, tolbutamide, insulin, methylene blue, diamide; pancreas, rats, 307, 91
beta-endorphin, antinociception, morphine, bicuculline, GABA; tail flick, rats, 316, 231
beta-endorphin, radioimmunoassay, metyrapone; stress, rats, 303, 171
beta-endorphin, vasopressin, beta-lipotropin; rats, 316, 59
beta-lipotropin, vasopressin, beta-endorphin; rats, 316, 59
beta-methyl-digoxin; tissue distribution, side effects, cat, 302, 87
beta-naphthoflavone, DNA, benzo(a)pyrene, monooxygenase inducer; lung, rats, 303, 303
beta-phenethylamines, cAMP, norepinephrine receptors, adenylcyclase; limbic forebrain, rats, 303, 175
bethanechol, isoprenaline, muscarinic receptors, ganglionic transmission; cervical ganglion, rats, 304, 15
B-HT 920, alpha-adrenoceptors, clonidine, motor activity, sedation; behaviour, mice, 317, 180
B-HT 933, yohimbine diastereoisomers, alpha-adrenoceptors, vasoconstriction; pithed rats, 313, 17
B-HT 958, alpha-adrenoceptors, pre:postsynaptic activity ratio; rats, cat, 320, 110
bicuculline, antinociception, morphine, beta-endorphin, GABA; tail flick, rats, 316, 231
bicuculline, antinociception, morphine, muscimol; brain, rats, 318, 368
bicuculline, GABA, glycine, strychnine; brain, rats, 304, 81
bile acids, demethylphalloin, phallotoxins, carrier-mediated transport; hepatocytes, rats, 316, 345
bile acids, 4,4'-diisothiocyano-stilben-2,2'-disulfonic acid; hepatocytes, rats, 304, 303
bile acids, d-tubocurarine, acetyl-procainamide, hepatic transport, choleresis; rats, 302, 1
bile acids, fusidates, competitive inhibition; hepatocytes, rats, 302, 329
bile acids, phalloidin; hepatoma cells, rats, 303, 299
bile acids, phalloidin, cholecystographic agents; hepatocytes, rats, 313, 85
bile acids, phalloidin, hepatocytes, carbon tetrachloride, actin; baby rats, 306, 295
bile acids, phallotoxins; hepatocytes, rats, 319, 249
bile acids, phallotoxins; gut, guinea-pig, 320, 196
bile acids, phallotoxins, diethylnitrosamine; hepatocytes, rats, 310, 245
bile acids, rifampicin, rifamycin SV; hepatocytes, rats, 302, 19
bile acids, rifamycin SV, taurocholic acid; liver, rats, 302, 323
bile acids, sodium cholate, rifamycin SV, cholestatic effect; rats, 313, 171
biliary contrast agents, protein binding; serum albumin, 302, 227
biliary lipids, clofibrate, phenobarbital, cholesterol; bile, rats, 308, 171
binding inhibitors, azapropazone, serum albumin, drug binding; man, 313, 159
binding interactions, thioridazine, drug binding; human albumin, 319, 189
binding kinetics, bupranolol, beta-adrenoceptors, saturation binding; heart, cat, 317, 19
binding sites, adenosine, adenosine derivatives, methylxanthines; brain membranes, rats, 310, 59
binding sites, substance P, phospholipids; brain, rabbit, 314, 211
bioflavonoids, prostaglandin synthetase, microsomal inhibitor; kidney, rats, 306, 85
biogenic amines, diurnal rhythm, tyrosine hydroxylase, dopamine beta-hydroxylase, H 44-68, FLA-63; rats, 303, 257
biogenic amines, tandamine, desipramine, muscarinic receptors, anticholinergic activity; brain, rats, 308, 239
biophases, adrenoceptors, nerve endings, catechol-O-methyl-transferase; saphenous vein, dog, 316, 200
biotransformation, phenazone, 4,4-dihydroxyphenazone; four species, 309, 203
biperiden, thermoregulation, phentolamine, pimozide; hypothalamus, rats, 318, 43
biphenyl metabolism, alpha-naphthoflavone, methyrapone, enzyme induction, differential inhibition; liver, rats, 304, 297
bisacodyl, intestinal secretion, opiates, antidiarrhoeal action, osmotic laxatives; intestine, rats, 306, 113
bisacodyl, phenolphthalein, osmotic laxatives, water net flux, prostaglandin E; gut, rats, 305, 241
blood flow, prostaglandines, mechanical stimulation, indomethacin, transmucosal movement; jejunal mucosa, rats, 305, 91
blood platelets, prostacyclin, cAMP, coronary arteries; bovine hearts, 306, 101
blood pressure, alpha-adrenoceptor agonists, alpha-adrenoceptor antagonists; brain, rats, 317, 120
blood pressure, cAMP, cGMP, neurotransmitter; cerebral ventricle, cat, 312, 31
blood pressure, carbacyclin derivative, prostacyclin, vessel tone, platelet aggregation; 316, 252
blood pressure, catecholamines, splanchnic nerve; hypothalamus, cat, 310, 237
blood pressure, diazoxide, hyperglycemia, uterine relaxation, beta-adrenoceptors; rats, 316, 190
blood pressure, GABA, muscimol, baclofen; nucleus tractus solitarii, cat, 319, 168
blood pressure, GABA-receptors, glycine, muscimol; rats, 313, 225
blood pressure, hydralazine, hypothermia, ethanol, tolerance; mice, rats, 312, 209
blood pressure, phyllomedusa sauvagii, sauvagine, antidiuresis; rats, 312, 265
blood pressure, propranolol, beta-adrenoceptors, cardiovascular effects; hypertensive rats, 309, 13
blood pressure, sodium nitroprusside, antiasthmatics, isoprenaline, pulmonary drug resorption; rats, guinea-pigs, 306, 203
blood vessels, noradrenaline, adrenaline; electrical stimulation, saphenous vein, dog, 311, 1
blood-brain barrier, ethanol, amino acids; brain, rats, 314, 47
body composition, diazepam, pharmakokinetics, age; brain, rats, 307, 167
body temperature, behaviour, electrocortical activity, serotonin; cerebral ventricle, fowl, 312, 229
body temperature, morphine, 5-hydroxytryptamine, tolerance, catecholamines; brain, rats, 313, 125
botulinum toxin, neurotransmitters, tetanus toxin; CNS, rats, 316, 244
botulinum toxin, tetanus toxin, calcium, acetylcholine; brain, rats, 316, 143
botulinum toxin, tetanus toxin, choline, gangliosides; brain, rats, 316, 135
botulinum toxin, tetanus toxin, cholinergic neurones, acetylcholine; myenteric plexus, guinea-pig, 312, 255
botulinum toxin, tetanus toxin, neuromuscular junction, neuraminidase; diaphragma, mice, 311, 33
botulinum toxin, tetanus toxin, noradrenaline, gangliosides; brain, rats, 318, 105
botulinum toxins, toxin fragments; synaptosomes, rats, 308, 67
botulinum-A toxin, tetanus toxin, acetylcholine, neurotoxines; nerve cell cultures, rats, 303, 133
bradycardia, alinidine, pacemaker; chicken, guinea-pig, 316, 172
bradycardia, beta-adrenoceptors, depressor response; hypothalamus, cat, 312, 27
bradycardia, clonidine analogues, lipophilicity; pithed rats, 317, 8
bradycardia, clonidine-N-allyl-derivative, antiarrhythmic, negative inotropic effect; guinea-pig, rats, cat, 306, 255
bradykinin, algesic substance; dental pulp, dog, 306, 29
bradykinin, angiotensin, substance P; atrium, guinea-pig, 312, 63
bradykinin, calcium, procaine, acetylcholine; ileum, guinea-pig, 314, 267
bradykinin, capsaicin, nociceptors, prostaglandinE; ear, rabbit, 312, 139
bradykinin, prostacyclin, coronary dilation, indomethacin; guinea-pig, ox, 307, 213
bradykinin, prostaglandin, indomethacin, angiotensin converting enzyme, SQ 14,225; blood pressure, rats, 308, 111

bradykinin, prostaglandin, phospholipase A2, A23187, calcium; ear, rabbit, 307, 177
brain distribution, R 28935, antihypertensive agents; brain, cat, 309, 281
bretylium, nerve degeneration, sympathectomy, noradrenaline, pargyline; pineal gland, rats, 319, 136
bromocriptine, dopamine, tetrodotoxin, apomorphine, chlorpromazine, haloperidol; nucleus caudatus, rabbit, 305, 27
bromocriptine, lisuride, dopaminergic effect, thermoregulation; rats, 306, 147
bromocriptine, spiperone, cAMP, isobutylmethylxanthine, dopamine receptors; brain, rats, 304, 141
bromocryptine, dopamine receptors, DOPA, spiperone; striatum, olfactory tubercle, rats, 312, 37
bromosulfophthalein, hepatobiliary transport, taurocholic acid; liver, rats, 303, 287
bronchial obstruction, tachyphylaxis, cyclooxygenase inhibitors, prostaglandin E2; sensitized guinea-pig, 317, 351
bulbocapnine, dopamine, diuresis; cat, 312, 77
bungarotoxin, acetylcholine, neuromuscular transmission; nerve-muscle preparation, frog, 316, 126
bupleuri radix, saponin, sapogenin, hemolysis, membrane stabilisation; erythrocytes, rats, 316, 262
bupranolol, adrenoceptors, enantiometric affinity; mammalian myocardium, 313, 1
bupranolol, beta-adrenoceptors, binding kinetics, saturation binding; heart, cat, 317, 19
bupranolol, catecholamines, inotropic effect, beta-adrenoceptors, adenylate cyclase; human myocardium, 319, 216
butanol, intestinal absorption, phenylalanine, antipyrine, urea, salicylic acid; jejunum, rats, 304, 175

C

caerulein; ileum, guinea-pig, 302, 51
caerulein, gastrointestinal propulsion, gastric emptying, morphine, naloxone; mice, 318, 66
caerulein, substance P, cholinomimetics, 5-hydroxytryptamine; ileum, guinea-pig, 312, 131
caerulein, visceral pain, nociception, morphine, naloxone; renal pelvis, rats, 319, 161
caffeine, myopathy, myofibrils; frog muscle, 305, 159
calcium, acetylcholine, oxotremorine, morphine; myenteric plexus, guinea-pig, 311, 119
calcium, adriamycin, cardiotoxicity, inotropic effect; rats, guinea-pig, 317, 252
calcium, alpha-adrenoceptors, opiate receptors, enkephalin, noradrenaline; brain, rats, 307, 21
calcium, 4-aminopyridine, inotropic effect, catecholamines, action potential; heart, dog, 307, 207
calcium, anticonvulsants, methotrexate, phenytoin; mice, 315, 63
calcium, ARL-115, ouabain; bovine adrenal medulla, cat atria, 320, 255
calcium, barium, membrane resistance, action potential; heart, guinea-pig, 315, 47
calcium, bradykinin, procaine, acetylcholine; ileum, guinea-pig, 314, 267
calcium, cAMP, catecholamines, phosphodiesterase inhibitors, cGMP; brain, rats, 302, 141
calcium, catecholamines, rotenone; bovine adrenal medulla, 316, 69
calcium, cGMP, mepacrine, arachidonic acid, sodium nitroprusside; ductus deferens, rats, 311, 71
calcium, cGMP, sodium channel, neurotoxins; cerebellum, mice, 307, 159
calcium, chromaffin granules, catecholamine uptake, ATP; bovine adrenal medulla, 315, 255
calcium, chromaffin system, exocytosis, catecholamines; bovine adrenal medulla, 317, 97
calcium, exocytosis, tetraethylammonium, noradrenaline; heart, guinea-pig, 316, 273
calcium, 5-hydroxytryptamine, presynaptic receptors, serotoninergic neurons; brain cortex, rats, 310, 93
calcium, latrodectus mactans-venom, noradrenaline; hypothalamus, rats, 313, 27
calcium, lindane, neuromuscular junction, neurotransmitter; nerve-muscle preparation, frog, 308, 179
calcium, lithium, relaxation, depolarisation; taenia coli, guinea-pig, 315, 69
calcium, lysosomes, dinitrophenol; mammalian muscle, 315, 77
calcium, magnesium, inotropic effect, klinotropic effect; heart, guinea-pig, 303, 111
calcium, magnesium, manganese, adenylcyclase, guanylyl-imidodiphosphate; erythrocytes, rats, 303, 145
calcium, neuromuscular junction, MEPP; frog, 315, 29
calcium, nifedipin, verapamil; automaticity, heart, dog, 302, 235
calcium, non-cholinergic transmission, non-adrenergic transmission, prostaglandins; small intestine, guinea-pig, 319, 115
calcium, noradrenaline, magnesium, noradrenergic neurons; brain, rats, 307, 29
calcium, opiate receptors; brain, rats, 319, 147
calcium, prostaglandin, phospholipase, A 23187; rabbit, 307, 243, spleen
calcium, prostaglandin, phospholipase A2, bradykinin, A23187; ear, rabbit, 307, 177
calcium, serotonin, presynaptic receptors; brain, rats, 314, 223
calcium, tetanus toxin, botulinum toxin, acetylcholine; brain, rats, 316, 143
calcium, verapamil, aminophylline, isoprenaline, cAMP; diaphragma, rats, 303, 47
calcium, verapamil, prenylamine, D 600, noradrenaline, stimulus-release coupling; heart, rabbit, 310, 11
calcium antagonists; caecum, guinea-pig, 318, 234
calcium antagonists, adrenoceptors, divalent metal ions, vasoconstriction; pithed rats, 316, 288
calcium antagonists, 1,4-dihydropyridines, nifedipine, stereospezifity; rabbit, guinea-pig, 317, 183
calcium antagonists, nifedipine, thromboxane A2, coronary spasm; coronary artery, cat, 318, 249
calcium channel, atrioventricular conduction, verapamil, tetrodotoxin, sodium channel; atrioventricular node, dog, 308, 89
calcium channels, AQA-39, action potential, potassium current, antimuscarinic effect; sinoatrial node, rabbit, 317, 233
calcium channels, postassium current, AQA-39; heart, rabbit, 317, 228
cAMP, acid-base alteration, catecholamines, chronotropic effect; atrium, rats, 317, 219
cAMP, adenosine receptors, adenine nucleotide receptors, 5-nucleotidase; cell lines, 315, 5
cAMP, adenylate cyclase, beta-adrenoceptor agonists, beta-adrenoceptors; heart, cat, 318, 185
cAMP, adenylate cyclase, phosphodiesterase; cortex, hypothalamus, rats, 302, 341
cAMP, adrenoceptors, chronotropism, adenylate cyclase, pacemaker activity; cardiocytes, rats, chicken, 320, 119
cAMP, amrinone, inotropic effect, phosphodiesterase inhibitor; heart, guinea-pig, 318, 112
cAMP, autonomic receptors, potassium; sublingual gland, rats, 318, 313
cAMP, beta-adrenoceptors, serotonin, adenylate cyclase, antidepressants; brain, rats, 316, 218
cAMP, beta-phenethylamines, norepinephrine receptors, adenylcyclase; limbic forebrain, rats, 303, 175
cAMP, blood pressure, cGMP, neurotransmitter; cerebral ventricle, cat, 312, 31
cAMP, bromocriptine, spiperone, isobutylmethylxanthine, dopamine receptors; brain, rats, 304, 141
cAMP, calcium, catecholamines, phosphodiesterase inhibitors, cGMP; brain, rats, 302, 141
cAMP, calcium, verapamil, aminophylline, isoprenaline; diaphragma, rats, 303, 47
cAMP, cAMP-diesterase, diamide, thiol; pancreatic islets, rats, 319, 243
cAMP, catecholamines, adenylcyclase, beta-adrenoceptors; adrenal medulla, rats, 307, 39

cAMP, cGMP, inotropic action, carbachol, isoprenaline, theophylline; heart, dog, 312, 175
cAMP, dipyridamole, atherosclerotic plaque, prostaglandin; platelets, aortic wall, rabbitt, 309, 59
cAMP, dopamine, diethylstilbestrol, adenosine; hypothalamus, rats, 302, 307
cAMP, dopamine, sulpiride, clebopride, thioxanthenes; retina, rabbit, 303, 189
cAMP, gastric secretion, phosphodiesterase inhibitors, cimetidine; rats, guinea-pig, 304, 69
cAMP, intestinal secretion, vasoactive intestinal polypeptide, adenylate cyclase, morphine; jejunum, rats, 313, 243
cAMP, ionophores, histamine; mast cells, guinea-pig, 302, 165
cAMP, isoprenaline, salbutamole, propranolol, atenolol; skeletal muscle, guinea-pig, 305, 201
cAMP, kainic acid, neuromodulation, neurotransmission, vasoactive intestinal peptide; brain, rats, 306, 281
cAMP, loperamide, cholera toxin, intestinal secretion, fluid transport; colon, rats, 317, 178
cAMP, nicotinamide adenine dinucleotide, lipolysis, adenylcyclase; fat cells, 306, 179
cAMP, papaverine, cGMP, carbachol, inotropic effect; heart, dog, 306, 241
cAMP, phenylephrine, propranolol, phentolamine, inotropic effect, alpha-adrenoceptors; heart, cat, 303, 205
cAMP, prostacyclin, arterial wall, phosphodiesterase inhibitor; coronary arteries, cattle, 308, 107
cAMP, prostacyclin, blood platelets, coronary arteries; bovine hearts, 306, 101
cAMP, prostaglandin El; gallbladder, guinea-pig, rabbit, 318, 358
cAMP, prostaglandin-antagonists, prostaglandin E1, phloretin; cell cultures, 305, 233
cAMP, prostaglandins, isobutylmethylxanthine; cell cultures, 311, 67
cAMP, prostaglandins, opiates, enkephalin; corpus striatum, rats, 302, 103
cAMP, quercetin, tyrosine, protein kinase, tumor virus; 317, 100
cAMP, vanadate, isobutylmethylxanthine, isoprenaline, inotropic effect; heart, guinea-pig, 315, 147
cAMP, xanthines, adenosine; hippocampus, rats, 316, 326
cAMP-diesterase, cAMP, diamide, thiol; pancreatic islets, rats, 319, 243
cAMP-generating system, amphetamine, p-hydroxyamphetamine, p-hydroxynorephedrine-stereoisomers, adenylcyclase system; brain, rats, 306, 267
canabinoids, acetylcholine, psychotomimetic activity; brain, rats, 304, 107
cannabinoids, phenytoin, pharmacokinetics; anticonvulsant studies, mice, 320, 105
capsaicin, bradykinin, nociceptors, prostaglandinE; ear, rabbit, 312, 139
capsaicin, cholinergic mechanism, temperatur; ileum, guinea-pig, 310, 169
capsaicin, hyperemia, substance P, vasoactive intestinal polypeptide, neurogenic vasodilatation; paw, rats, 316, 165
capsaicin, morphine, nociceptive threshold, sensory neurones; tail withdrawal test, rats, 311, 285
capsaicin, myenteric plexus, cholinergic mechanism; small intestine, guinea-pig, 305, 83
capsaicin, neurogenic oedema, mast cell amines, substance P; saphenous nerve, rats, 314, 271
capsaicin, opiate receptors, pain fibres, diprenorphine; spinal cord, rats, 308, 281
capsaicin, purinergic neurons, tachyphylaxis, cholinergic neurons, mecamylamine; taenia caeci, guinea-pig, 309, 77
capsaicin, somatostatin, substance P, sensory neuron; spinal cord, rats, 316, 38
capsaicin, substance P; rats, 315, 185
capsaicin, substance P, acetylcholine; ileum, guinea-pig, 319, 212
capsaicin, substance P, chemosensitive pain fibres, inflammation; peripheral nerves, rats, 313, 91
capsaicin, substance P, depressor reflex; blood pressure, rats, 320, 54
capsaicin, substance P, nociception; rats, mice, 320, 205
capsaicin, substance P, plasma extravasation, chemosensitivity; rats, 316, 240
capsaicin, substance P, somatostatin, neurotensin, sensory neurones; nervous system, rats, 317, 140
capsaicin, tachyphylaxis, cholinergic mechanism; ileum, guinea-pig, 305, 75
capsaicin, thermoregulation; colon temperature, rats, 320, 97
carazolol, adenylcyclase, beta-adrenoceptors; heart, kitten, toad, 303, 295
carbachol, apomorphine, dopamine receptors, acetylcholine receptors; substantia nigra, rabbit, 302, 123
carbachol, atropine, muscarine receptors; iris, man, 306, 209
carbachol, cAMP, cGMP, inotropic action, isoprenaline, theophylline; heart, dog, 312, 175
carbachol, catecholamines, tyrosine hydroxylase, enzyme induction; cervical ganglion, rats, 308, 25
carbachol, papaverine, cAMP, cGMP, inotropic effect; heart, dog, 306, 241
carbacyclin derivative, prostacyclin, vessel tone, platelet aggregation, blood pressure; 316, 252
carbochromen, cardiac metabolism, propranolol; heart, dog, 314, 171
carbon tetrachloride, galactosamine, cyanidanol-3, lipid peroxidation; liver injury, rats, 312, 285
carbon tetrachloride, phalloidin, hepatocytes, actin, bile acids; baby rats, 306, 295
carbon tetrachloride, saikosaponin-d, lipid peroxidation; liver, rats, 320, 266
cardanolides, dihydrodigoxin, digoxin, dihydrodigoxinic acid, cardenolides; cat, 303, 181
cardenolides, ATPase, inotropic effect, digitalis receptor; heart, guinea-pig, 304, 37
cardenolides, dihydrodigoxin, digoxin, dihydrodigoxinic acid, cardanolides; cat, 303, 181
cardiac adrenoceptors, dihydroergocryptine, dihydroalprenolol; heart, rabbit, 308, 191
cardiac conduction, hyperkalemia, refractory period; heart, dog, 313, 237
cardiac glycosides, ATPase, tissue distribution, neurotoxicity, glycoside receptors; heart, brain, dog, 307, 65
cardiac glycosides, creatine kinase; heart, guinea-pig, 309, 83
cardiac glycosides, ouabain, potassium, ATPase; enzyme preparations, 304, 157
cardiac glycosides, para-chloromercuriphenylsulfonic acid, ATPase; heart guinea-pig, 318, 121
cardiac glycosides, steroids, transport; hepatocytes, rats, 316, 340
cardiac metabolism, carbochromen, propranolol; heart, dog, 314, 171
cardiac metabolism, verapamil; heart-lung preparation, dog, 310, 139
cardioinhibitory efferents, fentanyl, vagal efferents, heart rate; dog, 312, 57
cardiostimulatory effect, acetylcholine, nicotine, norepinephrine, cyclic nucleotides; heart, guinea-pig, 310, 97
cardiotonic agents, ATPase, inotropic receptor, monensin, cassaine, actodigin, species differences; guinea-pig, rats, rabbit, 308, 81
cardiotoxicity, adriamycin, calcium, inotropic effect; rats, guinea-pig, 317, 252
cardiovascular effect, larus argentatus, clonidine, alpha-adrenoceptor antagonists; sea gull, 318, 62
cardiovascular effects, propranolol, blood pressure, beta-adrenoceptors; hypertensive rats, 309, 13
cardiovascular regulation, arginine-vasopressin; hypertensive rats, 315, 83
cardiovascular system, tetanus toxin, hypoxia, adrenergic blockers; dog, 318, 220
carrier-mediated transport, demethylphalloin, bile acids, phallotoxins; hepatocytes, rats, 316, 345
cassaine, cardiotonic agents, ATPase, inotropic receptor, monensin, actodigin, species differences; guinea-pig, rats, rabbit, 308, 81
catalepsy, alpha-motoneurons, haloperidol, apomorphine, akinesia; spinal cord, rats, 308, 149
catalepsy, 5,7-dihydroxytryptamine, 5-hydroxytryptamine, dopamine, neuroleptics; brain, rats, 304, 135
catalepsy, morphine, akinesia, muscular rigidity; nucleus accumbens, rats, 318, 143

catalepsy, morphine, locomotor activity, akinesia, alpha-motoneurones; nucleus accumbens, rats, 320, 101
catalepsy, morphine, receptor regulation, dopamine; striatum, rats, 319, 140
catalepsy, muscimol, haloperidol, gabaculine, benzodiazepines, gabaergic transmission; brain, rats, 305, 219
cataract, streptozotocin, hyperglycaemia, hypertension, hyperlipaemia; rats, 305, 123
catatonia, opioids, rigidity; striatum, rats, 313, 139
catecholamine uptake, chromaffin granules, calcium, ATP; bovine adrenal medulla, 315, 255
catecholamine-liberating agents, alpha-adrenoceptors, noradrenaline-reuptake inhibitors; convulsions, quaking mice, 318, 94
catecholaminergic neurons, prolactin, endorphin, pilocarpine; pituitary, rats, 308, 249
catecholaminergic system, antidepressants, serotonin turnover, serotoninergic system; brain, rats, 306, 75
catecholamines; radioenzymatic method, 315, 233
catecholamines; radioenzymatic determination, 318, 19
catecholamines, acid-base alteration, cAMP, chronotropic effect; atrium, rats, 317, 219
catecholamines, adenylate cyclase, aminopyrine, beta-adrenoceptors, hexoprenaline; gastric mucosa, rats, 320, 175
catecholamines, adenylate cyclase, propranolol, haloperidol; prostate, rats, 312, 19
catecholamines, adenylcyclase, cAMP, beta-adrenoceptors; adrenal medulla, rats, 307, 39
catecholamines, adrenoceptors, inotropic effect; auricular strips, man, 312, 99
catecholamines, adrenoceptors, sympathectomy, 6-hydroxydopamine; spleen, rats, 307, 227
catecholamines, alcohol intoxication, serotonin, 6-hydroxydopamine, 5,7-dihydroxytryptamine; brain, rats, 308, 165
catecholamines, alpha-methyl-p-tyrosine, time-response, dose-response; brain, rats, 304, 111
catecholamines, 4-aminopyridine, inotropic effect, action potential, calcium; heart, dog, 307, 207
catecholamines, ATP, ADP; bovine adrenal medulla, 315, 229
catecholamines, beta-adrenoceptors, propranolol; heart, kitten, 305, 97
catecholamines, blood pressure, splanchnic nerve; hypothalamus, cat, 310, 237
catecholamines, calcium, cAMP, phosphodiesterase inhibitors, cGMP; brain, rats, 302, 141
catecholamines, calcium, rotenone; bovine adrenal medulla, 316, 69
catecholamines, carbachol, tyrosine hydroxylase, enzyme induction; cervical ganglion, rats, 308, 25
catecholamines, catechol-O-methyltransferase; hepatocytes, rats, 320, 182
catecholamines, chromaffin system, exocytosis, calcium; bovine adrenal medulla, 317, 97
catecholamines, diazepam, gamma-aminobutyric acid, gamma-butyrolactone, gabaergic transmission; brain, rats, 303, 73
catecholamines, dissociation constants, lipophilicity, sympathomimetic amines; 310, 1
catecholamines, DOPA, microwave irridation; brain, rats, 316, 299
catecholamines, dopamine, MAO-inhibitors; brain, rats, 318, 29
catecholamines, dopamine, neuronal uptake; heart, rats, 314, 231
catecholamines, dopamine beta-hydroxylase, sympathetic nervous system; head injury, man, 303, 235
catecholamines, extraneuronal uptake; tracheal muscle, guinea-pig, 311, 139
catecholamines, haemophilus influenzae, beta-adrenoceptors; tracheal spirals, guinea-Pig, 320, 235
catecholamines, 5-hydroxytryptamine; human blood platelets, 316, 81
catecholamines, hypothyroidism, hyperthyroidism, circulation; pithed rats, 317, 159
catecholamines, inotropic effect, beta-adrenoceptors, adenylate cyclase, bupranolol; human myocardium, 319, 216
catecholamines, inotropic effect, prostacyclin; atrium, rats, 313, 95
catecholamines, isoprenaline, temperature sensivity, extraneuronal uptake; heart, rats, 306, 239
catecholamines, latrotoxin, acetylcholine; rats, 320, 224
catecholamines, locus coeruleus; hypothalamus, cat, 308, 137
catecholamines, morphine, body temperature, 5-hydroxytryptamine, tolerance; brain, rats, 313, 125
catecholamines, noradrenaline, adrenaline, neuronal uptake, extraneuronal uptake, O-methylation; saphenous vein, dog, 303, 221
catecholamines, O-methylating system, catechol-O-methyltransferase; mathematical model, heart, rats, 311, 17
catecholamines, phenylethanolamineN-methyltransferase, tyrosine hydroxylase; adrenal gland, rats, 319, 22
catecholamines, platelet aggregation, adenylcyclase, alpha-adrenergic agonists; platelets, man, 306, 119
catecholamines, serotonin, metachlorophenylpiperazine, anorectic activity; synaptosomes, rats, 308, 159
catecholamines, stress, diazepam; brain, rats, 318, 374
catecholamines, tabernanthine, hypobaric hypoxia; brain, rats, 313, 119
catecholamines, tetrahydropapaveroline, salsolinol, psychopharmaca, thermoregulation; rats, 306, 135
catecholamines, tryptophan, tyrosine, 5-hydroxytryptophan, DOPA; brain, rats, 303, 157
catecholamines, tyramine, isoprenaline, renin, alpha-adrenoceptors; rats, 303, 139
catecholamines, tyrosine hydroxylase, H 44-68, FLA-63, motor activity, diurnal rhythm; rats, 303, 251
catecholamines, uptake inhibitors; pharmacologic method, guinea-pig, 316, 89
catechol-O-methyl transferase, isoprenaline, -O-methylation, extraneuronal uptake, histamine; trachea, guinea-pig, 318, 88
catechol-O-methyl-transferase, adrenoceptors, nerve endings, biophases; saphenous vein, dog, 316, 200
catechol-O-methyl-transferase, adrenoceptors, sympathomimetic agonists; vasculature, dog, 316, 195
catechol-O-methyltransferase, catecholamines; hepatocytes, rats, 320, 182
catechol-O-methyl-transferase, dopamine, monoamine oxidase; caudate nucleus, rabbit, 316, 205
catechol-O-methyltransferase, U-0521, DOPA, parkinsons disease; striatum, rats, 320, 34
catechol-O-methyl transferase inhibitors, isoprenaline; trachea, guinea-pig, 307, 235
catechol-O-methyl-transferase, compartmental analysis, monoamineoxidase, noradrenaline; heart, rats, 308, 199
catechol-O-methyl-transferase, noradrenaline, monoamine oxidase; hypothalamus, mice, 302, 337
catechol-O-methyl-transferase, noradrenaline, monoamine oxidase, extraneuronal uptake; heart, rats, 303, 37
catechol-O-methyl-transferase, noradrenaline, monoamine oxidase, pargyline; aorta, rats, 302, 181
catechol-O-methyl-transferase, noradrenaline, stereoselectivity, monoamine oxidase; aorta, rabbit, 302, 195
catechol-O-methyltransferase, O-methylating system, catecholamines; mathematical model, heart, rats, 311, 17
cathepsin D, anti-inflammatory agents, ibuprofen, flurbiprofen, cytoprotective effect; liver, cat, 311, 79
cathepsins, proteolysis, suramin, lysosomes, lysosomal enzymes; liver, rats, 304, 183
cationic transport, sulfonylureas, insulinotropic effect, theophylline; pancreatic islets, rats, 312, 277
caudate nucleus, morphine, opioid analgesics, haloperidol, anti-nociceptive effect; tail-flick response, rats, 309, 145
cell differentiation, 6-aminonicotinamide, acetylcholinesterase, growth inhibition; neuroblastoma cells, 305, 117
cell membranes, dimethyl sulfoxide, aprotic solvents, adenylcyclase, glucagon; liver, rats, 310, 231

cevadine, inotropic effect, veratridine, tetrodotoxin; heart, guinea-pig, 314, 157
ceveratrum alkaloids, sodium fluoroacetate, inotropic effect, tetrodotoxin, ouabain; heart, guinea-pig, 303, 7
cGMP, acetylcholine, phosphodiesterase; bovine coronary smooth muscle, 319, 29
cGMP, action potential, acetylcholine, inotropic effect; auricle, rabbit, 304, 211
cGMP, blood pressure, cAMP, neurotransmitter; cerebral ventricle, cat, 312, 31
cGMP, calcium, cAMP, catecholamines, phosphodiesterase inhibitors; brain, rats, 302, 141
cGMP, cAMP, inotropic action, carbachol, isoprenaline, theophylline; heart, dog, 312, 175
cGMP, cGMP derivatives, smooth muscle, muscle tone; rats, rabbit, 306, 1
cGMP, kainic acid, adenylcyclase, harmaline, isoniazid; brain, rats, 304, 5
cGMP, mepacrine, arachidonic acid, calcium, sodium nitroprusside; ductus deferens, rats, 311, 71
cGMP, naloxone, GABAergic antagonism; cerebellum, mice, 306, 169
cGMP, nitroglycerin, sodium nitroprusside, sodium nitrite, adenosine nitrate, relaxation; bovine coronary arteries, 310, 129
cGMP, papaverine, cAMP, carbachol, inotropic effect; heart, dog, 306, 241
cGMP, sodium channel, neurotoxins, calcium; cerebellum, mice, 307, 159
cGMP derivatives, cGMP, smooth muscle, muscle tone; rats, rabbit, 306, 1
chemosensitive pain fibres, capsaicin, substance P, inflammation; peripheral nerves, rats, 313, 91
chemosensitivity, substance P, capsaicin, plasma extravasation; rats, 316, 240
chemotaxis, anaphylatoxin, complement peptides; leukocytes, 305, 181
chloride ion, GABA antagonists; ileum, guinea-pig, 317, 257
chloride secretion, diuretic drugs, ozolinone, stereospecific action; colon, rabbit, 318, 363
chlorisondamine, circadian rhythm, adrenoceptor antagonists, phentolamine, noradrenaline; heart, rats, 313, 205
3-chlorophenylpiperazine, locomotor activitiy, avoidance response; mice strains, 319, 271
chlorpheniramine, nicotine, histamine, tyramine, serotonine, noradrenaline; pulmonary artery, rabbit, 304, 237
chlorpromazine, dopamine, tetrodotoxin, apomorphine, bromocriptine, haloperidol; nucleus caudatus, rabbit, 305, 27
chlorpromazine, evoked potentials, pimozide, haloperidol, thioridazine; striatum, 303, 165
cholate, phalloidin, taurodehydrocholic acid, plasma membranes; hepatocytes, hepatoma cells, 319, 254
cholecystographic agents, phalloidin, bile acids; hepatocytes, rats, 313, 85
cholecystokinin, substance P; brain extracts, 305, 189
cholera toxin, deoxycholate, permeability; colon, rats, 312, 91
cholera toxin, intestinal secretion, alpha-adrenoceptors; intestinal loops, rats, 318, 181
cholera toxin, loperamide, intestinal secretion, fluid transport, cAMP; colon, rats, 317, 178
choleresis, bile acids, d-tubocurarine, acetyl-procainamide, hepatic transport; rats, 302, 1
cholestatic effect, sodium cholate, rifamycin SV, bile acids; rats, 313, 171
cholesterol, antidepressants, perazine, lipoproteins; protein binding, man, 308, 1
cholesterol, biliary lipids, clofibrate, phenobarbital; bile, rats, 308, 171
choline, acetylcholine, cholinesterase; heart, chicken, 318, 295
choline, acetylcholine, muscarinic receptor; myenteric plexus, guinea-pig, 316, 131
choline, GABA agonists, GABA antagonists, acetylcholine, tetrodotoxin; brain, guinea-pig, 318, 253
choline, hemicholinium, endplates; diaphragma, mice, 302, 173
choline, physostigmine, atropine, acetylcholine, cholinesterase inhibitor; brain, mice, 308, 61
choline, tetanus toxin, botulinum toxin, gangliosides; brain, rats, 316, 135
cholinergic, melanocyte-stimulating hormone, dopaminergic agonists, agonists; rats, 316, 155
cholinergic agonists, muscarinic receptor, cholinergic antagonists, microsomes; atrium, rats, 309, 259
cholinergic agonists, muscarinic receptors, cholinergic antagonists, SH-groups, guanine nucleotides; heart, rats, 314, 51
cholinergic antagonists, muscarinic receptor, cholinergic agonists, microsomes; atrium, rats, 309, 259
cholinergic antagonists, muscarinic receptors, cholinergic agonists, SH-groups, guanine nucleotides; heart, rats, 314, 51
cholinergic axon, dopamine receptors, acetylcholine; caudate nucleus, rabbit, 315, 111
cholinergic drugs, LSD, dopaminergic system, cholinergic system; catalepsy, rats, 313, 45
cholinergic mechanism, capsaicin, myenteric plexus; small intestine, guinea-pig, 305, 83
cholinergic mechanism, capsaicin, tachyphylaxis; ileum, guinea-pig, 305, 75
cholinergic mechanism, temperatur, capsaicin; ileum, guinea-pig, 310, 169
cholinergic neurones, tetanus toxin, botulinum toxin, acetylcholine; myenteric plexus, guinea-pig, 312, 255
cholinergic neurons, capsaicin, purinergic neurons, tachyphylaxis, mecamylamine; taenia caeci, guinea-pig, 309, 77
cholinergic system, LSD, cholinergic drugs, dopaminergic system; catalepsy, rats, 313, 45
cholinergic transmission, clonidine, alpha-adrenoceptors, yohimbine stereoisomers; ileum, guinea-pig, 309, 207
cholinesterase, acetylcholine, choline; heart, chicken, 318, 295
cholinesterase inhibitor, physostigmine, atropine, acetylcholine, choline; brain, mice, 308, 61
cholinomimetic agents, gamma-butyrolactone, muscarine receptor; behaviour, rats, 318, 14
cholinomimetics, caerulein, substance P, 5-hydroxytryptamine; ileum, guinea-pig, 312, 131
cholinomimetics, sodium, tyrosine hydroxylase, nicotinic receptors; cervical ganglion, rats, 313, 199
chromaffin granules, calcium, catecholamine uptake, ATP; bovine adrenal medulla, 315, 255
chromaffin system, exocytosis, calcium, catecholamines; bovine adrenal medulla, 317, 97
chronotropic effect, acid-base alteration, catecholamines, cAMP; atrium, rats, 317, 219
chronotropic effect, beta-adrenoceptor blockers, adenylcyclase, sinoatrial node, isoprenaline; heart, rats, cat, 307, 1
chronotropic effect, dobutamine, isoprenaline, beta-adrenoceptors, terbutaline; atrium, trachea, guinea-pig, 309, 19
chronotropic effect, drug receptor subtypes, isoprenaline; algebraic method, kitten heart, 318, 192
chronotropic effect, histamine, inotropic effect; atrium, guinea-pig, 315, 155
chronotropic effect, 5-hydroxytryptamine, noradrenaline, sympathetic nerves, indolethylamines, presynaptic receptors; heart, rabbit, 308, 9
chronotropic effect, inotropic effect, phenylephrine, isoproterenol, adrenaline, adrenoceptors; heart, rabbit, 318, 336
chronotropism, adrenoceptors, adenylate cyclase, cAMP, pacemaker activity; cardiocytes, rats, chicken, 320, 119
chronotropism, angiotensin2, saralasin, GABA; cardiac ganglia, dog, 317, 149
cimetidine, gastric secretion, phosphodiesterase inhibitors, cAMP; rats, guinea-pig, 304, 69
cimetidine, histamine, histamine receptors, metiamide; ileum, guinea-pig, 309, 65
cimetidine, histamine receptors, histamine, clemastine; gastrointestinal circulation, dog, 312, 123
cimetidine, pepsin, gastric secretion, ethanol, atropine; stomach, rat, 304, 63

circadian rhythm, adrenoceptor antagonists, phentolamine, noradrenaline, chlorisondamine; heart, rats, 313, 205
circling behaviour, GABA receptors, opiate receptors; nigro-striatal lesioned rats, 319, 43
circulation, hypothyroidism, hyperthyroidism, catecholamines; pithed rats, 317, 159
clearance, diuretics, ozolinone, etazoline; kidney, rats, 304, 289
clebopride, cAMP, dopamine, sulpiride, thioxanthenes; retina, rabbit, 303, 189
clemastine, histamine receptors, histamine, cimetidine; gastrointestinal circulation, dog, 312, 123
clemastine, ketotifen, mepyramine, anaphylaxis, anti-anaphylactic effect, anti-histaminic effect; rats, 316, 186
clenbuterol, equilibrium dissociation constants, beta-adrenoceptors, relative efficacy; jugular vein, atrium, rats, 320, 145
clofibrate, biliary lipids, phenobarbital, cholesterol; bile, rats, 308, 171
clonidine, adrenoceptor agonists, adrenoceptor antagonists, morphine, opiate receptors; ileum, guinea-pig, 314, 83
clonidine, adrenoceptors, prazosin; brain membranes, rats, 308, 223
clonidine, adrenoceptors, prazosin, sodium; brain, rats, 312, 105
clonidine, alpha-adrenoceptors; locomotor activity, rats, 311, 41
clonidine, alpha-adrenoceptors, B-HT 920, motor activity, sedation; behaviour, mice, 317, 180
clonidine, alpha-adrenoceptors, cholinergic transmission, yohimbine stereoisomers; ileum, guinea-pig, 309, 207
clonidine, alpha-adrenoceptors, imidazolidines; ear artery, rabbit, 309, 217
clonidine, alpha2-adrenoceptors, mianserin; dog, guinea-pig, chicken, 318, 288
clonidine, alpha-adrenoceptors, noradrenaline, cocaine, phentolamine; atria, guinea-pig, 304, 215
clonidine, alpha-adrenoceptors, noradrenaline, WB 4101 binding, withdrawal syndrome; rats, 320, 115
clonidine, alpha-adrenolytics, alpha-receptors, drug interaction; exploratory activity, rats, 307, 115
clonidine, alpha-noradrenoceptors, guanyl nucleotides, sodium, magnesium; cerebral cortex, rats, 306, 67
clonidine, amphetamine, yohimbine, monoamines; iris, cat, 309, 235
clonidine, antidepressants, alpha-adrenoceptors, pargyline; brain, rats, 320, 90
clonidine, antidepressants, 3-methoxy-4-hydroxyphenylglycol, desipramine, amitriptyline; brain, rats, 305, 207
clonidine, CNS-amines, parasympathetic tone, postsynaptic receptors; pupil, cat, 307, 45
clonidine, FLA-163, haemodynamics, presynaptic alpha-adrenoceptors; rats, mice, 306, 127
clonidine, flupenthixol, haloperidol, alpha-adrenoceptors, dopamine; locomotion, rats, 313, 33
clonidine, gastric secretion, alpha-adrenoceptor agonists, oxymetazoline; pylorus-ligated rats, 320, 170
clonidine, guanfacine, withdrawal, antihypertensive drugs; blood pressure, heart rate, rats, 319, 82
clonidine, 5-hydroxytryptamine, hypothermia, vasodilatation, alpha-adrenoceptors; cerebroventricular injection, rabbit, 315, 195
clonidine, larus argentatus, cardiovascular effect, alpha-adrenoceptor antagonists; sea gull, 318, 62
clonidine, morphine, analgesia, antinociception; rats, 304, 1
clonidine, naloxone, withdrawal, dopamine, apomorphine; tolerance, dependence, rats, 305, 1
clonidine, noradrenaline, dopamine; brain, rats, 319, 40
clonidine, noradrenaline, phenylephrine, alpha-adrenoceptors; cortical neurones, rats, 320, 230
clonidine, prazosin, adrenoceptors; brain, rats, 312, 23
clonidine, sympathetic transmission, noradrenaline, alpha-adrenoceptor agonists; heart, rats, 309, 225
clonidine analogues, bradycardia, lipophilicity; pithed rats, 317, 8
clonidine-like substances, alpha-adrenoceptors, CNS; rats, 315, 21
clonidine-N-allyl-derivative, bradycardia, antiarrhythmic, negative inotropic effect; guinea-pig, rats, cat, 306, 255
clorgyline, monoamine oxidases, deprenil; human brain, 311, 263
clorisondamine, dopamine-beta-hydroxylase, phenoxybenzamine, guanethidine, exocytosis; sympathectomy, rats, 304, 231
clozapine, muscarinic action, muscarinic receptor; bioassay, crayfish, cat, 320, 20
CNS, clonidine-like substances, alpha-adrenoceptors; rats, 315, 21
CNS-amines, clonidine, parasympathetic tone, postsynaptic receptors; pupil, cat, 307, 45
cocaine, clonidine, alpha-adrenoceptors, noradrenaline, phentolamine; atria, guinea-pig, 304, 215
cocaine, noradrenaline, sorbitol, neuronal uptake; heart, rabbit, 302, 263
codeine, morphine, cross tolerance, methadone, opioid mechanism; tolerant mice, 320, 50
colchicine, complement peptides, evans blue, leukocytes, paramethasone, indomethacine; vascular permeability, chemotaxis, guinea-pig, 302, 45
colchicine, neurogenic oedema, sensory nerves, axonal transport; saphenous nerve, rats, 314, 277
compartmental analysis, catechol-O-methyl-transferase, monoamineoxidase, noradrenaline; heart, rats, 308, 199
compartmental analysis, dopamine, psychotropic drugs; synaptosomes, rats, 311, 169
compartmental analysis, dopamine, uptake kinetics; synaptosomes, striatum, rats, 308, 31
compartmentalisation, serotonin, reserpine; brain, mice, 316, 311
competitive antagonism, dopamine, metoclopramide, renal vascular resistence; kidney, dog, 314, 177
competitive antagonism, inotropic effect, propranolol, noradrenaline, isoprenaline; model, guinea-pig, 316, 96
competitive inhibition, fusidates, bile acids; hepatocytes, rats, 302, 329
complement peptides, chemotaxis, anaphylatoxin; leukocytes, 305, 181
complement peptides, evans blue, leukocytes, colchicine, paramethasone, indomethacine; vascular permeability, chemotaxis, guinea-pig, 302, 45
constipation, morphine, naloxone, opiate receptors, loperamide; rats, mice, guinea-pig, 308, 255
consummatory behaviour, aphagia, adipsia, motor activity; substantia nigra, rats, 313, 51
contractile proteins, phalloidin; hepatocytes, hepatoma cells, rats, 305, 253
convulsants, GABA, d-tubocurarine, theophylline; olfactory cortex, guinea-pig, 318, 274
convulsants, GABA-antagonist; olfactory cortex, guinea-pig, 314, 29
convulsions, noradrenergic neurotransmission, noradrenaline; brain, quaking mice, 320, 26
convulsive drugs, prostaglandins, thromboxane, anticonvulsants, cyclooxygenase; brain, mice, 310, 53
coronary arteries, prostacyclin, cAMP, blood platelets; bovine hearts, 306, 101
coronary circulation, vasodilators, vascular resistance, steal-phenomenon; heart, dog, 308, 265
coronary dilation, prostacyclin, bradykinin, indomethacin; guinea-pig, ox, 307, 213
coronary dilators, adenosine analogues, glucagon, insulin; dog, 304, 249
coronary spasm, calcium antagonists, nifedipine, thromboxane A2; coronary artery, cat, 318, 249
coronary vascular tone, prostacyclin, dihydro-prostacyclins, myocardial mechanics; cow, guinea-pig, 306, 213
coronary vasoconstrictors, prostaglandin D2; heart, guinea-pig, 302, 61
corticosteroids, isoprenaline, O-methylation, normethanephrine, phenoxybenzamine; submaxillary gland, rats, 305, 51
corticosterone, isoprenaline, extraneuronal uptake; heart, rats, 303, 121
corynanthine, alpha-adrenoceptors, phenoxybenzamine, yohimbine, prazosin, propranolol; blood pressure, dog, 314, 149
corynanthine, yohimbine diastereoisomers, rauwolscine, alpha-adrenoceptors; rats, 315, 227

corynanthine, yohimbine stereoisomers, alpha-adrenoceptors, rauwolscine; pulmonary arteries, rabbit, 308, 127
creatine kinase, cardiac glycosides; heart, guinea-pig, 309, 83
cross tolerance, morphine, codeine, methadone, opioid mechanism; tolerant mice, 320, 50
cryptands, action potentials; purkinje fibres, sheep, 310, 79
cyanidanol-3, galactosamine, carbon tetrachloride, lipid peroxidation; liver injury, rats, 312, 285
cyclic nucleotide benzyl triesters, inotropic effect, phosphodiesterase; heart, guinea-pig, 310, 103
cyclic nucleotides, acetylcholine, nicotine, norepinephrine, cardiostimulatory effect; heart, guinea-pig, 310, 97
cyclic nucleotides, diphenolic laxatives, ATPase; colon, rats, 313, 249
cyclic nucleotides, nerve-muscle transmission, noradrenaline, phosphodiesterase inhibitors; vas deferens, guinea-pig, 308, 99
cyclic nucleotides, neurotoxins, sodium channel; neuraltissue, mice, 307, 151
cyclic nucleotides, phosphodiesterases; assay, 311, 193
cyclic nucleotides, tissue sampling method; mice, 303, 55
cyclo-oxygenase, malondialdehyde, arachidonic acid, acetylsalicylic acid, indomethacin; platelets, rats, 312, 85
cyclooxygenase, prostaglandins, thromboxane, convulsive drugs, anticonvulsants; brain, mice, 310, 53
cyclooxygenase, tromboxane A2, prostacyclin, antiinflammatory drugs; platelets, coronary arteries, 313, 69
cyclooxygenase inhibitors, bronchial obstruction, tachyphylaxis, prostaglandin E2; sensitized guinea-pig, 317, 351
cytidine, alpha-hexachlorocyclohexane, enzyme induction; liver, rats, 303, 101
cytochalasins, phalloidin, exocytosis; mast cells, rats, 302, 153
cytochrome 450, hexobarbital, hydroxylation, hydrogen peroxyde; hepatic microsomes, 314, 201
cytoprotective effect, anti-inflammatory agents, ibuprofen, flurbiprofen, cathepsin D; liver, cat, 311, 79

D

D 600, sodium pump, membrane potential, dihydro-ouabain; ear artery, rabbit, 303, 213
D 600, verapamil, prenylamine, noradrenaline, stimulus-release coupling, calcium; heart, rabbit, 310, 11
de-aggregation, prostacyclin, platelets, pulmonary endothelium; 304, 45
dehydro-digitoxosides, digitalis glycosides, ATPase; 306, 11
dehydro-digitoxosides, digitoxin, digitoxoside cleavage; liver microsomes, rats, 305, 167
demethylbupranolol, agonism:antagonism, beta-adrenoceptors; analysis plot, cat, guinea-pig, 320, 130
demethylphalloin; hepatocytes, rats, 319, 87
demethylphalloin, bile acids, phallotoxins, carrier-mediated transport; hepatocytes, rats, 316, 345
demethylphalloin, phalloidin, phalloin; hepatocytes, rats, 311, 91
dendrotoxin, snake venom, acetylcholine, neuromuscular junction, neurotoxin; mice, chicken, 312, 1
deoxycholate, cholera toxin, permeability; colon, rats, 312, 91
deoxyglucose, neuronal activity, glucose utilisation; hypertensive rats, 316, 331
depolarisation, lithium, calcium, relaxation; taenia coli, guinea-pig, 315, 69
depolarisation, oubain, 2,4-dinitrophenole, verapamil, sodium; taenia coli, guinea-pig, 312, 199
depolarisation, shape change reaction, myelin basic protein, polypeptides, multiple sclerosis; platelets, 310, 87
deprenil, monoamine oxidases, clorgyline; human brain, 311, 263
depressor reflex, capsaicin, substance P; blood pressure, rats, 320, 54
depressor response, beta-adrenoceptors, bradycardia; hypothalamus, cat, 312, 27
desensitization, beta-adrenoceptors, adenylate cyclase, isoprenaline; reticulocytes, rats, 317, 294
desensitization, substance P, peptidergic nerves, neurotransmitter; ileum, guinea-pig, 306, 195
desipramine, alpha-adrenoceptors, WB 4101, prazosin; vas deferens, rats, 317, 187
desipramine, antidepressants, 3-methoxy-4-hydroxyphenylglycol, clonidine, amitriptyline; brain, rats, 305, 207
desipramine, noradrenaline, synaptosomes, 5-hydroxytryptamine, alpha-adrenoceptors; brain, rats, 318, 173
desipramine, tandamine, biogenic amines, muscarinic receptors, anticholinergic activity; brain, rats, 308, 239
deslanatoside C; tissue distribution, excretion, rabbit, 302, 73
detoxication, benzo(a)pyrene monooxygenase, enzyme coupling, enzyme induction, UDP-glucuronyltransferase; liver microsomes, rats, 304, 77
diabetes, hypertension, renin, streptozotocin, dopamine-beta-hydroxylase; tail blood flow, rats, 313, 257
diamide, beta-cell thiols, tolbutamide, insulin, methylene blue; pancreas, rats, 307, 91
diamide, cAMP, cAMP-diesterase, thiol; pancreatic islets, rats, 319, 243
2,4-diamino-6,7-dimethylpteridine, 6,7-dimethylpterin, micropuncture, reabsorption; single nephron, rats, 306, 287
diazepam, catecholamines, gamma-aminobutyric acid, gamma-butyrolactone, gabaergic transmission; brain, rats, 303, 73
diazepam, enkephalin, antistress effect; brain, rats, 309, 1
diazepam, inhibitory interneurons, GABAergic transmission; hippocampus, rats, 309, 131
diazepam, pentobarbital, aminoacids, neurotransmitters; blood, rats, 317, 165
diazepam, pharmakokinetics, age, body composition; brain, rats, 307, 167
diazepam, stress, catecholamines; brain, rats, 318, 374
diazepam, tetanus, drug screening; biological assay, mice, 308, 77
diazoxide, blood pressure, hyperglycemia, uterine relaxation, beta-adrenoceptors; rats, 316, 190
diazoxide, propranolol, hyperglycaemia, beta-adrenoceptors, renin-angiotensin-system; rabbit, 303, 15
dibutyryl-cAMP, rested-state contraction, sarcoplasmic reticulum, excitation-contraction coupling; heart, guinea-pig, 305, 65
diethylallylacetamide; pharmacokinetics, metabolism, man, dog, 302, 11
diethylnitrosamine, phallotoxins, bile acids; hepatocytes, rats, 310, 245
diethylstilbestrol, dopamine, cAMP, adenosine; hypothalamus, rats, 302, 307
differential inhibition, biphenyl metabolism, alpha-naphthoflavone, methyrapone, enzyme induction; liver, rats, 304, 297
difluoromethylornithine, ornithine decarboxylase, antitumoral activity; mammary tumours, rats, 320, 72
digitalis glycosides, dehydro-digitoxosides, ATPase; 306, 11
digitalis receptor, cardenolides, ATPase, inotropic effect; heart, guinea-pig, 304, 37
digitoxin, dehydro-digitoxosides, digitoxoside cleavage; liver microsomes, rats, 305, 167
digitoxin, dihydrodigitoxin, pharmacokinetics; cat, 310, 147
digitoxin, sodium pump, sulfhydryl inhibitor; heart, guinea-pig, 302, 63
digitoxin metabolism, spirolactone, microsomal monooxygenases; microsomes, rats, 305, 261
digitoxoside cleavage, digitoxin, dehydro-digitoxosides; liver microsomes, rats, 305, 167
digoxin, dihydrodigoxin, dihydrodigoxinic acid, cardanolides, cardenolides; cat, 303, 181
digoxin, intestinal secretion, drug binding; small intestine, rats, 312, 271
dihydralazine, hydralazine, prostaglandins, minoxidil; blood pressure, dog, 310, 155
dihydroalprenolol, beta-adrenoceptors, stereospecifity, adenylcyclase, reticulocytes; erythrocytes, rats, 305, 41
dihydroalprenolol, dihydroergocryptine, cardiac adrenoceptors; heart, rabbit, 308, 191

dihydroalprenolol, propranolol, beta-adrenoceptors; heart cells, rats, 303, 107
dihydrodigitoxin, digitoxin, pharmacokinetics; cat, 310, 147
dihydrodigoxin, digoxin, dihydrodigoxinic acid, cardanolides, cardenolides; cat, 303, 181
dihydrodigoxinic acid, dihydrodigoxin, digoxin, cardanolides, cardenolides; cat, 303, 181
dihydroergocryptine, cardiac adrenoceptors, dihydroalprenolol; heart, rabbit, 308, 191
dihydro-ouabain, propranolol, inotropic effect, bathmotropic effect, beta-adrenoceptors; heart, guinea-pig, 307, 99
dihydro-ouabain, propranolol, inotropic effect, sodium flux; heart, guinea-pig, 307, 105
dihydro-ouabain, sodium pump, membrane potential, D 600; ear artery, rabbit, 303, 213
dihydro-prostacyclins, prostacyclin, myocardial mechanics, coronary vascular tone; cow, guinea-pig, 306, 213
1,4-dihydropyridines, nifedipine, calcium antagonists, stereospezifity; rabbit, guinea-pig, 317, 183
dihydroxyaminotetralins, dopamine, dopamine agonists; striatum, rats, 310, 219
4,4-dihydroxyphenazone, phenazone, biotransformation; four species, 309, 203
3,4-dihydroxyphenylacetic acid, tyrosine hydroxylase, dopamine, emotional states; brain, rats, 308, 155
5,7-dihydroxytryptamine, alcohol intoxication, catecholamines, serotonin, 6-hydroxydopamine; brain, rats, 308, 165
5,7-dihydroxytryptamine, 5-hydroxytryptamine, dopamine, neuroleptics, catalepsy; brain, rats, 304, 135
5,6-dihydroxytryptamine, morphine, locomotor activity, 6-hydroxydopamine; mice, rats, 312, 219
4,4'-diisothiocyano-stilben-2,2'-disulfonic acid, bile acids; hepatocytes, rats, 304, 303
2,5-dimethoxyamphetamine, para-methoxyamphetamine, serotonergic mechanism, methysergide, para-chlorphenylalanine; suprahyoidale muscle, rats, 304, 101
dimethyl sulfoxide, aprotic solvents, adenylcyclase, glucagon, cell membranes; liver, rats, 310, 231
6,7-dimethylpterin, 2,4-diamino-6,7-dimethylpteridine, micropuncture, reabsorption; single nephron, rats, 306, 287
2,4-dinitrophenol, lidocaine, antiarrhythmics; purkinje fibres, dog, 313, 11
dinitrophenol, lysosomes, calcium; mammalian muscle, 315, 77
2,4-dinitrophenole, oubain, verapamil, sodium, depolarisation; taenia coli, guinea-pig, 312, 199
diphenolic laxatives, ATPase, cyclic nucleotides; colon, rats, 313, 249
diprenorphine, opiate receptors, capsaicin, pain fibres; spinal cord, rats, 308, 281
dipyridamole, adenosine, lipolysis, theophylline; adipose tissue, dog, 316, 112
dipyridamole, atherosclerotic plaque, prostaglandin, cAMP; platelets, aortic wall, rabbitt, 309, 59
dissociation constants, lipophilicity, sympathomimetic amines, catecholamines; 310, 1
diuresis, dopamine, bulbocapnine; cat, 312, 77
diuretic drugs, ozolinone, chloride secretion, stereospecific action; colon, rabbit, 318, 363
diuretics, ozolinone, etazoline, clearance; kidney, rats, 304, 289
diuretics, ozolinone, etozoline, furosemide, glomerular filtration; kidney, dog, 304, 283
diuretics, tubular secretion, saluresis, MK-447; kidney, hens, 317, 357
diurnal rhythm, tyrosine hydroxylase, dopamine beta-hydroxylase, H 44-68, FLA-63, biogenic amines; rats, 303, 257
diurnal rhythm, tyrosine hydroxylase, H 44-68, FLA-63, motor activity, catecholamines; rats, 303, 251
divalent cation sites, alpha-adrenoceptors, magnesium; brain, rats, 314, 101
divalent metal ions, adrenoceptors, vasoconstriction, calcium antagonists; pithed rats, 316, 288
DNA, benzo(a)pyrene, beta-naphthoflavone, monooxygenase inducer; lung, rats, 303, 303
dobutamine, isoprenaline, beta-adrenoceptors, chronotropic effect, terbutaline; atrium, trachea, guinea-pig, 309, 19
domperidone, apomorphine, spiperone, dopamine receptors; striatum, rats, 308, 231
domperidone, dopamine receptors, apomorphine; brain, rats, 315, 89
DOPA, 6-aminonicotinamide, dopamine, noradrenaline, dopaminergic transmission; brain, rats, 304, 317
DOPA, bromocryptine, dopamine receptors, spiperone; striatum, olfactory tubercle, rats, 312, 37
DOPA, GABA-receptors, muscimol; urinary bladder, rats, 314, 195
DOPA, microwave irridation, catecholamines; brain, rats, 316, 299
DOPA, tryptophan, tyrosine, 5-hydroxytryptophan, catecholamines; brain, rats, 303, 157
DOPA, tyrosine hydroxylase, apomorphine; neuroblastoma cells, mice, 320, 85
DOPA, U-0521, catechol-O-methyltransferase, parkinsons disease; striatum, rats, 320, 34
dopamine, alpha-adrenoceptors; ileum, guinea-pig, 318, 308
dopamine, aminoacid antagonists, glutamate, aspartate; substantia nigra, rats, 318, 100
dopamine, 6-aminonicotinamide, DOPA, noradrenaline, dopaminergic transmission; brain, rats, 304, 317
dopamine, apomorphine, adrenoceptors; stomach smooth muscle, guinea-pig, 319, 226
dopamine, apomorphine dipivaloylester, dopamine receptors, haloperidol; brain, rats, 303, 271
dopamine, cAMP, diethylstilbestrol, adenosine; hypothalamus, rats, 302, 307
dopamine, cAMP, sulpiride, clebopride, thioxanthenes; retina, rabbit, 303, 189
dopamine, catecholamines, MAO-inhibitors; brain, rats, 318, 29
dopamine, clonidine, flupenthixol, haloperidol, alpha-adrenoceptors; locomotion, rats, 313, 33
dopamine, clonidine, noradrenaline; brain, rats, 319, 40
dopamine, compartmental analysis, uptake kinetics; synaptosomes, striatum, rats, 308, 31
dopamine, dihydroxyaminotetralins, dopamine agonists; striatum, rats, 310, 219
dopamine, 3,4-dihydroxyphenylacetic acid, tyrosine hydroxylase, emotional states; brain, rats, 308, 155
dopamine, 5,7-dihydroxytryptamine, 5-hydroxytryptamine, neuroleptics, catalepsy; brain, rats, 304, 135
dopamine, diuresis, bulbocapnine; cat, 312, 77
dopamine, dopamine receptor antagonists, noradrenaline release, alpha-adrenoceptors; heart, rabbit, 305, 109
dopamine, dopaminergic neurone, monoamine oxidase, amphetamine; striatum, substantia nigra, rats, 311, 45
dopamine, dopaminergic neurones, nomifensine, presynaptic receptors; nucleus caudatus, rabbit, 306, 275
dopamine, dopamine-xanthine derivatives, lipolysis, glycolysis, metabolic effects; rats, 306, 219
dopamine, 5-hydroxytryptamine, 5-hydroxytryptophan, monoaminergic interaction; striatum, rats, 303, 63
dopamine, methamphetamine, tyrosine hydroxylase, adrenal gland; brain, rats, 310, 185
dopamine, 3-methoxytyramine, haloperidol; striatum, rats, 315, 219
dopamine, metoclopramide, droperidol, vasodilatation, structure-activity relationship; mesenteric artery, rabbit, 316, 24
dopamine, metoclopramide, renal vascular resistence, competitive antagonism; kidney, dog, 314, 177
dopamine, monoamine oxidase, catechol-O-methyl-transferase; caudate nucleus, rabbit, 316, 205
dopamine, morphine, antinociception, noradrenaline, 6-hydroxydopa, 6-hydroxydopamine; mice, rats, 305, 227
dopamine, morphine, catalepsy, receptor regulation; striatum, rats, 319, 140
dopamine, naloxone, withdrawal, apomorphine, clonidine; tolerance, dependence, rats, 305, 1
dopamine, neuronal uptake, catecholamines; heart, rats, 314, 231

dopamine, neurotransmitter pools; synaptosomes, striatum, rats, 308, 41
dopamine, noradrenaline, isoprenaline, adrenoceptors, neuronal uptake; tracheal muscle, guinea-pig, 315, 15
dopamine, psychotropic drugs, compartmental analysis; synaptosomes, rats, 311, 169
dopamine, serotonin, amygdala; stereotypy, rats, 312, 235
dopamine, substance P, GABA, 5-hydroxytryptamine, alpha-flupenthixol; substantia nigra, rats, 304, 271
dopamine, tetrodotoxin, apomorphine, bromocriptine, chlorpromazine, haloperidol; nucleus caudatus, rabbit, 305, 27
dopamine, thermoregulation, 5-hydroxytryptamine, haloperidol, methysergide, serotonergic structures; rabbit, 306, 61
dopamine, thermoregulation, noradrenaline, FLA-63, adrenoceptors, noradrenoceptors; sheep, 303, 263
dopamine agonists, 2-aminotetralins, structure-activity relations; striatum, rats, 313, 213
dopamine agonists, dihydroxyaminotetralins, dopamine; striatum, rats, 310, 219
dopamine analogues, gammabutyrolactone; stereotypy, rats, 316, 304
dopamine beta-hydroxylase, catecholamines, sympathetic nervous system; head injury, man, 303, 235
dopamine beta-hydroxylase, diurnal rhythm, tyrosine hydroxylase, H 44-68, FLA-63, biogenic amines; rats, 303, 257
dopamine beta-hydroxylase, hypertension, phenylethanolamine-N-methyltransferase; spontaneously hypertensive rats, 305, 127
dopamine receptor antagonists, dopamine, noradrenaline release, alpha-adrenoceptors; heart, rabbit, 305, 109
dopamine receptor supersensibility, gamma-butyrolactone, dopamine system; chronic administration, rats, 309, 247
dopamine receptors, acetylcholine, cholinergic axon; caudate nucleus, rabbit, 315, 111
dopamine receptors, adrenoceptors, thermoregulation; mastomys natalensis, 318, 38
dopamine receptors, apomorphine, carbachol, acetylcholine receptors; substantia nigra, rabbit, 302, 123
dopamine receptors, apomorphine, domperidone; brain, rats, 315, 89
dopamine receptors, apomorphine dipivaloylester, dopamine, haloperidol; brain, rats, 303, 271
dopamine receptors, bromocriptine, spiperone, cAMP, isobutylmethylxanthine; brain, rats, 304, 141
dopamine receptors, bromocryptine, DOPA, spiperone; striatum, olfactory tubercle, rats, 312, 37
dopamine receptors, domperidone, apomorphine, spiperone; striatum, rats, 308, 231
dopamine receptors, drug testing, receptor supersensitivity; caudate nucleus, rats, 309, 119
dopamine receptors, GABA, neuroleptics; catalepsy, rats, 311, 179
dopamine receptors, kainic acid, apomorphine, supersensitivity; brain, rats, 312, 161
dopamine receptors, muscimol, GABA receptors, apomorphine, turning behaviour; brain, rats, 310, 43
dopamine receptors, N,N-di-n-propyldopamine, antihypertensive drugs; cat, dog, 314, 17
dopamine receptors, N-diphenethylamine compounds, adenylcyclas acetylcholine; striatum, rats, 309, 241
dopamine receptors, neuroleptics, ascorbate; striatum, cat, rats, 317, 31
dopamine receptors, noradrenaline, alpha-adrenoceptors; vas deferens, rats, 318, 202
dopamine receptors, potassium, apomorphine, haloperidol, tetrodotoxin; caudate nucleus, rats, 314, 129
dopamine receptors, presynaptic receptors, postsynaptic receptors; rats, 312, 145
dopamine receptors, spiroperidol; mesenteric artery, rabbit, 311, 249
dopamine receptors, vasopressin, naloxone; neurohypophysis, rats, 319, 56
dopamine system, gamma-butyrolactone, dopamine receptor supersensibility; chronic administration, rats, 309, 247
dopamine-beta-hydroxylase, diabetes, hypertension, renin, streptozotocin; tail blood flow, rats, 313, 257
dopamine-beta-hydroxylase, phenoxybenzamine, clorisondamine, guanethidine, exocytosis; sympathectomy, rats, 304, 231
dopamine-beta-hydroxylase, transmyocardial fluid, noradrenaline, potassium; heart, rabbit, 315, 139
dopaminergic agonists, melanocyte-stimulating hormone, cholinergic, agonists; rats, 316, 155
dopaminergic effect, lisuride, bromocriptine, thermoregulation; rats, 306, 147
dopaminergic impulses, kainic acid, GABA-receptor antagonists; substantia nigra, rats, 306, 153
dopaminergic neurone, monoamine oxidase, amphetamine, dopamine; striatum, substantia nigra, rats, 311, 45
dopaminergic neurones, dopamine, nomifensine, presynaptic receptors; nucleus caudatus, rabbit, 306, 275
dopaminergic neurones, GABA receptors, stereotypy, behaviour; substantia nigra, cat, 317, 54
dopaminergic neurons, dorsal root potentials, apomorphine, interneurons; spinal cord, cat, 310, 21
dopaminergic supersensitivity, haloperidol, amphetamine, apomorphine; stereotypy, rats, 313, 131
dopaminergic system, amphetamine, kainic acid, drug-brain interactions; substantia nigra, rats, 304, 255
dopaminergic system, fluphenazine, apomorphine, supersensitivity; brain, rats, 312, 151
dopaminergic system, LSD, cholinergic drugs, cholinergic system; catalepsy, rats, 313, 45
dopaminergic transmission, 6-aminonicotinamide, dopamine, DOPA, noradrenaline; brain, rats, 304, 317
dopaminergic transmission, piracetam, haloperidol; striatum, rats, 318, 36
dopamine-xanthine derivatives, dopamine, lipolysis, glycolysis, metabolic effects; rats, 306, 219
dorsal root potentials, apomorphine, dopaminergic neurons, interneurons; spinal cord, cat, 310, 21
dose-response, alpha-methyl-p-tyrosine, time-response, catecholamines; brain, rats, 304, 111
droperidol, dopamine, metoclopramide, vasodilatation, structure-activity relationship; mesenteric artery, rabbit, 316, 24
drug, noradrenaline, muscle geometry; heart, guinea-pig, 303, 1
drug binding, azapropazone, serum albumin, binding inhibitors; man, 313, 159
drug binding, digoxin, intestinal secretion; small intestine, rats, 312, 271
drug binding, thioridazine, binding interactions; human albumin, 319, 189
drug binding sites, toxiferine, motor endplate, nicotinic acetylcholine receptors; diaphragma, mice, 306, 17
drug interaction, alpha-adrenolytics, alpha-receptors, clonidine; exploratory activity, rats, 307, 115
drug metabolism, N-demethylation, aminopyrine breath test; guinea-pig, 313, 175
drug metabolism, sodium nitroprusside, interstitium, microcirculation, pharmacokinetics; vascular bed, rats, 320, 260
drug receptor subtypes, chronotropic effect, isoprenaline; algebraic method, kitten heart, 318, 192
drug screening, tetanus, diazepam; biological assay, mice, 308, 77
drug testing, dopamine receptors, receptor supersensitivity; caudate nucleus, rats, 309, 119
drug-brain interactions, amphetamine, dopaminergic system, kainic acid; substantia nigra, rats, 304, 255
drug-protein binding, warfarin; human serum albumin, 320, 189
drugs, intestinal absorption, urea, antipyrine, salicylic acid; intestine, rats, 306, 105
d-tubocurarine, bile acids, acetyl-procainamide, hepatic transport, choleresis; rats, 302, 1

E

EDTA, tetracycline, intestinal absorption, salicylic acid, ions; Rabbit, rats, 306, 89

efflux rate constant, isoprenaline, extraneuronal mechanism, mathematical model; heart, rats, 304, 147

electrical excitability, tetanus toxin, motoneurons; gastrocnemius, cat, 308, 71

electrocortical activity, body temperature, behaviour, serotonin; cerebral ventricle, fowl, 312, 229

electrocorticogram, GABA, glutamate, amphetamine; cerebral cortex, rats, 316, 235

electroencephalogram, energy metabolism, thiopental, hexokinase, phosphofructokinase; brain, rats, 318, 56

electroencephalogram, Fentanyl, opiate receptors, naloxone; cisterna magna, dog, 307, 123

electrolyte transport, ethacrynic acid, prostaglandin, furosemide; gallbladder, guinea-pig, 309, 287

electromyogram, opioid receptors, opioids, muscular rigidity; striatum, rats, 317, 321

emotional states, 3,4-dihydroxyphenylacetic acid, tyrosine hydroxylase, dopamine; brain, rats, 308, 155

enantiometric affinity, bupranolol, adrenoceptors; mammalian myocardium, 313, 1

endopeptidase, kinin inactivation; liver, rats, 309, 197

endophinergic system, naloxone, opioids, opiate receptors; myenteric plexus, guinea-pig, 306, 93

endorphin, isopreanline, lipotropin; blood, rats, 317, 154

endorphin, prolactin, pilocarpine, catecholaminergic neurons; pituitary, rats, 308, 249

endorphins, milk, baby food; ileum, guinea-pig, 306, 301

endorphins, opiate receptors, hyperthermia; body temperature, rats, 309, 137

endplate currents, ion channels, acetylcholine receptors, nicotinic agonists; neuromucular junction, frog, 312, 117

endplates, choline, hemicholinium; diaphragma, mice, 302, 173

energy metabolism, thiopental, electroencephalogram, hexokinase, phosphofructokinase; brain, rats, 318, 56

enkephalin, alpha-adrenoceptors, opiate receptors, calcium, noradrenaline; brain, rats, 307, 21

enkephalin, diazepam, antistress effect; brain, rats, 309, 1

enkephalin, GABA, neurotransmitter, morphine; striatum, rats, 310, 203

enkephalin, morphine, naloxone, opiate receptors; iris, rabbit, 315, 1

enkephalin, prostaglandins, opiates, cAMP; corpus striatum, rats, 302, 103

enkephalin analogue, intestinal secretion, prostaglandine, morphine, naloxone; small intestine, rats, 308, 261

enkephalin analogues, monoamine synthesis, opiate receptors; brain, rats, 310, 211

enkephalins, tolerance, naloxone, opioid dependence; striatum, rats, 313, 145

enzyme coupling, benzo(a)pyrene monooxygenase, enzyme induction, detoxication, UDP-glucuronyltransferase; liver microsomes, rats, 304, 77

enzyme induction, benzo(a)pyrene monooxygenase, enzyme coupling, detoxication, UDP-glucuronyltransferase; liver microsomes, rats, 304, 77

enzyme induction, biphenyl metabolism, alpha-naphthoflavone, methyrapone, differential inhibition; liver, rats, 304, 297

enzyme induction, catecholamines, carbachol, tyrosine hydroxylase; cervical ganglion, rats, 308, 25

enzyme induction, cytidine, alpha-hexachlorocyclohexane; liver, rats, 303, 101

enzyme titration, monoamine oxidase; human platelets, 313, 77

epinephrine, prostaglandins, linoleic acid, sympathectomy; blood pressure, rats, 317, 78

equilibrium dissociation constants, clenbuterol, beta-adrenoceptors, relative efficacy; jugular vein, atrium, rats, 320, 145

ergot alkaloids, hydergine, serotonin, alpha-adrenoceptors; vasculature, dog, 318, 225

erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl)-2-b, prazosin, phenoxybenzamine, alpha-adrenoceptors, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl; blood pressure, rats, 302, 299

etazoline, diuretics, ozolinone, clearance; kidney, rats, 304, 289

ethacrynic acid, electrolyte transport, prostaglandin, furosemide; gallbladder, guinea-pig, 309, 287

ethacrynic acid, furosemide, ion transport; kidney, rats, 317, 90

ethane, paraquat, lipid peroxidation, toxicity; oxygen breathing, rats, 310, 241

ethanol; colonic mucosa, rats, 320, 81

ethanol, amino acids, blood-brain barrier; brain, rats, 314, 47

ethanol, aminoacids, propranolol, adrenalectomy, hypophysectomy; rats, 317, 214

ethanol, gastric acid secretion, prostaglandine formation; stomage, rats, 303, 87

ethanol, histamine, histidine decarboxylase; hypothalamus, rats, 302, 119

ethanol, hydralazine, hypothermia, tolerance, blood pressure; mice, rats, 312, 209

ethanol, nitrofurantoin, induction; liver, rats, 315, 167

ethanol, pepsin, gastric secretion, atropine, cimetidine; stomach, rat, 304, 63

7-ethoxycoumarin; hepatocytes, rats, 311, 85

ethoxyquin, 3-methylcholanthrene, UDP-glucuronosyltransferase, antioxidants; rats, 310, 249

etozoline, ozolinone, diuretics, furosemide, glomerular filtration; kidney, dog, 304, 283

evans blue, complement peptides, leukocytes, colchicine, paramethasone, indomethacine; vascular permeability, chemotaxis, guinea-pig, 302, 45

evoked potentials, pimozide, haloperidol, chlorpromazine, thioridazine; striatum, 303, 165

excitation-contraction coupling, rested-state contraction, dibutyryl-cAMP, sarcoplasmic reticulum; heart, guinea-pig, 305, 65

exocytosis, calcium, tetraethylammonium, noradrenaline; heart, guinea-pig, 316, 273

exocytosis, chromaffin system, calcium, catecholamines; bovine adrenal medulla, 317, 97

exocytosis, dopamine-beta-hydroxylase, phenoxybenzamine, clorisondamine, guanethidine; sympathectomy, rats, 304, 231

exocytosis, ferritin, neuromuscular junction, acetylcholine; nerve-muscle preparation, frog, 318, 246

exocytosis, phalloidin, cytochalasins; mast cells, rats, 302, 153

extraneuronal mechanism, isoprenaline, efflux rate constant, mathematical model; heart, rats, 304, 147

extraneuronal metabolism, noradrenaline, neuronal metabolism; heart, cat, rabbit, 318, 71

extraneuronal metabolism, phenylephrine, extraneuronal uptake; heart, rats, 314, 237

extraneuronal uptake, adrenaline, uptake inhibitors; trachea, guinea-pig, 315, 249

extraneuronal uptake, catecholamines; tracheal muscle, guinea-pig, 311, 139

extraneuronal uptake, inotropic effect, sympathectomy, adrenoceptors; heart, guinea-pig, 316, 8

extraneuronal uptake, isoprenaline, catechol-O-methyl transferase, -O-methylation, histamine; trachea, guinea-pig, 318, 88

extraneuronal uptake, isoprenaline, corticosterone; heart, rats, 303, 121

extraneuronal uptake, isoprenaline, O-methylation; aorta, rabbit, 316, 120

extraneuronal uptake, isoprenaline, O-methylation, pigment cells; iris, rabbit, 318, 158

extraneuronal uptake, isoprenaline, phentolamine; trachea, guinea-pig, 320, 221

extraneuronal uptake, isoprenaline, temperature sensivity, catecholamines; heart, rats, 306, 239

extraneuronal uptake, noradrenaline, adrenaline, neuronal uptake, O-methylation, catecholamines; saphenous vein, dog, 303, 221

extraneuronal uptake, noradrenaline, monoamine oxidase, catechol-O-methyl-transferase; heart, rats, 303, 37

extraneuronal uptake, noradrenaline, neuronal uptake, noradrenaline metabolism; heart, rats, 303, 21
extraneuronal uptake, phenylephrine, extraneuronal metabolism; heart, rats, 314, 237

F

fascicularelysin, phallolysin, rubescenslysin; mast cells, rats, 315, 163
fatty acids, guanylate cyclase, sodium nitroprusside, N-methyl-N'-nitrosoguanide, phospholipases; adrenal cortex, 304, 51
feedback control, serotonin; cerebral cortex, rats, 317, 36
feedback regulation, serotonin, kainic acid; striatum, rats, 306, 173
femoral blood flow, alpha-adrenergic receptor subtypes, renal blood flow; resistance vessels, dog, 318, 166
fenfluramine, neurotransmitters, glutamic acid decarboxylase, GABA; synaptosomes, rats, 309, 7
Fentanyl, opiate receptors, electroencephalogram, naloxone; cisterna magna, dog, 307, 123
fentanyl, vagal efferents, cardioinhibitory efferents, heart rate; dog, 312, 57
ferritin, neuromuscular junction, exocytosis, acetylcholine; nerve-muscle preparation, frog, 318, 246
FLA 136, alpha-methyldopa, alpha-autoreceptors, noradrenaline; rats, 306, 263
flavonoids, naringenin, intestinal transport, renal transport; ileum, kidney, 307, 79
flavonoids, prostaglandin synthetase, phenolic compounds; renal medulla, rats, 307, 73
FLA-163, haemodynamics, presynaptic alpha-adrenoceptors, clonidine; rats, mice, 306, 127
FLA-63, diurnal rhythm, tyrosine hydroxylase, dopamine beta-hydroxylase, H 44-68, biogenic amines; rats, 303, 257
FLA-63, thermoregulation, dopamine, noradrenaline, adrenoceptors, noradrenoceptors; sheep, 303, 263
FLA-63, tyrosine hydroxylase, H 44-68, motor activity, diurnal rhythm, catecholamines; rats, 303, 251
fluid transport, loperamide, cholera toxin, intestinal secretion, cAMP; colon, rats, 317, 178
6-fluoronoradrenaline, noradrenaline, adrenoceptors, neuronal uptake; rats, rabbit, 317, 1
flupenthixol, clonidine, haloperidol, alpha-adrenoceptors, dopamine; locomotion, rats, 313, 33
fluphenazine, dopaminergic system, apomorphine, supersensitivity; brain, rats, 312, 151
flurbiprofen, anti-inflammatory agents, ibuprofen, cathepsin D, cytoprotective effect; liver, cat, 311, 79
furosemide, ethacrynic acid, electrolyte transport, prostaglandin; gallbladder, guinea-pig, 309, 287
furosemide, ethacrynic acid, ion transport; kidney, rats, 317, 90
furosemide, ozolinone, etozoline, diuretics, glomerular filtration; kidney, dog, 304, 283
fusidates, bile acids, competitive inhibition; hepatocytes, rats, 302, 329

G

GABA; thyroid gland, rats, 317, 61
GABA, aminocetic acid, GABAergic neurones; brain, rats, 313, 221
GABA, aminoxyacetic acid, GABAergic mechanism; brain, rats, 312, 51
GABA, angiotensin2, saralasin, chronotropism; cardiac ganglia, dog, 317, 149
GABA, anticonvulsants; experimental epilepsy, mice, 315, 119
GABA, antinociception, morphine, beta-endorphin, bicuculline; tail flick, rats, 316, 231
GABA, apnoea; rats, 308, 55
GABA, baclofen, muscimol, rotational behaviour, GABA receptors; substantia nigra, rats, 306, 275
GABA, convulsants, d-tubocurarine, theophylline; olfactory cortex, guinea-pig, 318, 274
GABA, dopamine receptors, neuroleptics; catalepsy, rats, 311, 179
GABA, enkephalin, neurotransmitter, morphine; striatum, rats, 310, 203
GABA, fenfluramine, neurotransmitters, glutamic acid decarboxylase; synaptosomes, rats, 309, 7
GABA, glutamate, electrocorticogram, amphetamine; cerebral cortex, rats, 316, 235
GABA, glycine, bicuculline, strychnine; brain, rats, 304, 81
GABA, 6-hydroxydopamine, noradrenaline, supersensitivity; cerebellar purkinje cells, rats, 315, 37
GABA, locus coeruleus; hypothalamus, cat, 308, 143
GABA, muscimol, baclofen, blood pressure; nucleus tractus solitarii, cat, 319, 168
GABA, noradrenaline, tyramine; rats, cat, 306, 161
GABA, seizure threshold, anticonvulsants; brain, mice, 317, 131
GABA, substance P, 5-hydroxytryptamine, alpha-flupenthixol, dopamine; substantia nigra, rats, 304, 271
GABA, sympathetic ganglion, 4-aminopyridine; cervical ganglion, rats, 314, 141
GABA, taurine, homotaurine, muscimol, thermoregulation, muscle tone; rabbit, 305, 155
GABA agonists, GABA antagonists, acetylcholine, tetrodotoxin, choline; brain, guinea-pig, 318, 253
GABA antagonists, chloride ion; ileum, guinea-pig, 317, 257
GABA antagonists, GABA agonists, acetylcholine, tetrodotoxin, choline; brain, guinea-pig, 318, 253
GABA receptors, baclofen, muscimol, GABA, rotational behaviour; substantia nigra, rats, 306, 275
GABA receptors, circling behaviour, opiate receptors; nigro-striatal lesioned rats, 319, 43
GABA receptors, dopaminergic neurones, stereotypy, behaviour; substantia nigra, cat, 317, 54
GABA receptors, muscimol, dopamine receptors, apomorphine, turning behaviour; brain, rats, 310, 43
GABA-analogues, GABA-receptors, motor activity, baclofen; brain, rats, 302, 133
GABA-antagonist, convulsants; olfactory cortex, guinea-pig, 314, 29
gabaculine, catalepsy, muscimol, haloperidol, benzodiazepines, gabaergic transmission; brain, rats, 305, 219
GABAergic antagonism, naloxone, cGMP; cerebellum, mice, 306, 169
GABAergic mechanism, GABA, aminoxyacetic acid; brain, rats, 312, 51
GABAergic mechanism, gamma-hydroxybutyric acid, respiration, muscimol, baclofen; rats, 317, 315
GABAergic modulation, benzodiazepine receptor, receptor subclasses; bovine CNS, 319, 172
GABAergic neurones, GABA, aminocetic acid; brain, rats, 313, 221
gabaergic transmission, catalepsy, muscimol, haloperidol, gabaculine, benzodiazepines; brain, rats, 305, 219
gabaergic transmission, diazepam, catecholamines, gamma-aminobutyric acid, gamma-butyrolactone; brain, rats, 303, 73
GABAergic transmission, diazepam, inhibitory interneurons; hippocampus, rats, 309, 131
GABA-receptor antagonists, kainic acid, dopaminergic impulses; substantia nigra, rats, 306, 153
GABA-receptors, blood pressure, glycine, muscimol; rats, 313, 225
GABA-receptors, DOPA, muscimol; urinary bladder, rats, 314, 195
GABA-receptors, motor activity, GABA-analogues, baclofen; brain, rats, 302, 133
galactosamine, carbon tetrachloride, cyanidanol-3, lipid peroxidation; liver injury, rats, 312, 285
gamma motor system, benzodiazepines, procain; muscle spindle, cat, 302, 91
gamma-aminobutyric acid, diazepam, catecholamines, gamma-butyrolactone, gabaergic transmission; brain, rats, 303, 73
gamma-butyrolactone, diazepam, catecholamines, gamma-aminobutyric acid, gabaergic transmission; brain, rats, 303, 73
gammabutyrolactone, dopamine analogues; stereotypy, rats, 316, 304
gamma-butyrolactone, dopamine system, dopamine receptor supersensibility; chronic administration, rats, 309, 247
gamma-butyrolactone, muscarine receptor, cholinomimetic agents; behaviour, rats, 318, 14

gamma-butyrolactone, tyrosine hydroxylase, reserpine, presynaptic receptors; striatum, rats, 313, 39
gamma-hydroxybutyric acid, GABAergic mechanism, respiration, muscimol, baclofen; rats, 317, 315
ganglionic receptors, mianserin, amitriptyline, viloxazine; cervical ganglion, cat, 316, 161
ganglionic transmission, isoprenaline, muscarinic receptors, bethanechol; cervical ganglion, rats, 304, 15
gangliosides, tetanus toxin, botulinum toxin, choline; brain, rats, 316, 135
gangliosides, tetanus toxin, botulinum toxin, noradrenaline; brain, rats, 318, 105
gastric acid secretion, ethanol, prostaglandine formation; stomage, rats, 303, 87
gastric circulation, nitrites, nitrates, gastric secretion; stomach, rats, 309, 69
gastric emptying, gastrointestinal propulsion, caerulein, morphine, naloxone; mice, 318, 66
gastric secretion, alpha-adrenoceptor agonists, clonidine, oxymetazoline; pylorus-ligated rats, 320, 170
gastric secretion, nitrites, nitrates, gastric circulation; stomach, rats, 309, 69
gastric secretion, pepsin, ethanol, atropine, cimetidine; stomach, rat, 304, 63
gastric secretion, phosphodiesterase inhibitors, cimetidine, cAMP; rats, guinea-pig, 304, 69
gastrointestinal propulsion, gastric emptying, caerulein, morphine, naloxone; mice, 318, 66
glomerular filtration, ozolinone, etozoline, diuretics, furosemide; kidney, dog, 304, 283
glucagon, adenosine analogue, hepatic blood flow; dog, 314, 281
glucagon, adenosine analogues, insulin, coronary dilators; dog, 304, 249
glucagon, adenosine5-N-ethylcarboxamide, glucagon, insulin; pancreas, dog, 320, 67
glucagon, adenosine5-N-ethylcarboxamide, glucagon, insulin; pancreas, dog, 320, 67
glucagon, dimethyl sulfoxide, aprotic solvents, adenylcyclase, cell membranes; liver, rats, 310, 231
glucose, sulfonylureas, insulin release, stimulation; pankreas, rats, 306, 185
glucose utilisation, neuronal activity, deoxyglucose; hypertensive rats, 316, 331
glutamate, aminoacid antagonists, dopamine, aspartate; substantia nigra, rats, 318, 100
glutamate, GABA, electrocorticogram, amphetamine; cerebral cortex, rats, 316, 235
glutamic acid decarboxylase, fenfluramine, neurotransmitters, GABA; synaptosomes, rats, 309, 7
glycine, GABA, bicuculline, strychnine; brain, rats, 304, 81
glycine, GABA-receptors, blood pressure, muscimol; rats, 313, 225
glycine, tetanus toxin; spinal cord, rats, 307, 287
glycolysis, dopamine-xanthine derivatives, dopamine, lipolysis, metabolic effects; rats, 306, 219
glycoside receptors, cardiac glycosides, ATPase, tissue distribution, neurotoxicity; heart, brain, dog, 307, 65
golgi complex; acridine orange, neuroblastoma, 311, 53
goniopora toxin, adrenergic nerves; blood vessels, guinea-pig, 312, 193
growth inhibition, 6-aminonicotinamide, acetylcholinesterase, cell differentiation; neuroblastoma cells, 305, 117
GTPase, adenylcyclase, guanine nucleotides; platelets, man, 310, 121
guanethidine, dopamine-beta-hydroxylase, phenoxybenzamine, clorisondamine, exocytosis; sympathectomy, rats, 304, 231
guanethidine, serotonin, noradrenaline, alpha-adrenoceptors, 6-hydroxydopamine; brain cortex, rats, 320, 38
guanethidine, tandamine, antidepressants; arousal reaction, cat, guinea-pig, rabbit, 302, 107
guanfacine, clonidine, withdrawal, antihypertensive drugs; blood pressure, heart rate, rats, 319, 82
guanine nucleotide, opiate tolerance-dependence, opiate receptors; vas deferens, mice, 319, 142
guanine nucleotides, adenylcyclase, GTPase; platelets, man, 310, 121
guanine nucleotides, adenylcyclase, muscarinic receptors, sodium; heart, rabbit, 310, 113
guanine nucleotides, muscarinic receptors, cholinergic agonists, cholinergic antagonists, SH-groups; heart, rats, 314, 51
guanyl nucleotides, alpha-noradrenoceptors, clonidine, sodium, magnesium; cerebral cortex, rats, 306, 67
guanyl nucleotides, beta-adrenoceptors, solubilisation; lung, guinea-pig, 305, 191
guanylate cyclase, sodium nitroprusside, N-methyl-N'-nitrosoguanide, phospholipases, fatty acids; adrenal cortex, 304, 51
guanylyl-imidodiphosphate, magnesium, manganese, calcium, adenylcyclase; erythrocytes, rats, 303, 145

H

H 44-68, diurnal rhythm, tyrosine hydroxylase, dopamine beta-hydroxylase, FLA-63, biogenic amines; rats, 303, 257
H 44-68, tyrosine hydroxylase, FLA-63, motor activity, diurnal rhythm, catecholamines; rats, 303, 251
haemodynamics, FLA-163, presynaptic alpha-adrenoceptors, clonidine; rats, mice, 306, 127
haemolysis, rubescens lysin; erythrocytes, 311, 95
haemophilus influenzae, catecholamines, beta-adrenoceptors; tracheal spirals, guinea-Pig, 320, 235
haloperidol, alpha-motoneurons, apomorphine, akinesia, catalepsy; spinal cord, rats, 308, 149
haloperidol, amphetamine, apomorphine, dopaminergic supersensitivity; stereotypy, rats, 313, 131
haloperidol, apomorphine dipivaloylester, dopamine, dopamine receptors; brain, rats, 303, 271
haloperidol, catalepsy, muscimol, gabaculine, benzodiazepines, gabaergic transmission; brain, rats, 305, 219
haloperidol, catecholamines, adenylate cyclase, propranolol; prostate, rats, 312, 19
haloperidol, clonidine, flupenthixol, alpha-adrenoceptors, dopamine; locomotion, rats, 313, 33
haloperidol, dopamine, tetrodotoxin, apomorphine, bromocriptine, chlorpromazine; nucleus caudatus, rabbit, 305, 27
haloperidol, evoked potentials, pimozide, chlorpromazine, thioridazine; striatum, 303, 165
haloperidol, 5-hydroxytryptophan, methysergide, metoclopramide, quipazine; wet-dog shake response, rats, 307, 135
haloperidol, 3-methoxytyramine, dopamine; striatum, rats, 315, 219
haloperidol, morphine, opioid analgesics, caudate nucleus, anti-nociceptive effect; tail-flick response, rats, 309, 145
haloperidol, phenoxybenzamine, yohimbine, phentolamine, alpha-adrenoceptors; locomotor activity, mice, 303, 153
haloperidol, piracetam, dopaminergic transmission; striatum, rats, 318, 36
haloperidol, potassium, apomorphine, tetrodotoxin, dopamine receptors; caudate nucleus, rats, 314, 129
haloperidol, reserpine, anti-nociceptive effect, nigrostriatal feedback system; tail-flick response, rats, 306, 97
haloperidol, thermoregulation. dopamine, 5-hydroxytryptamine, methysergide, serotonergic structures; rabbit, 306, 61
Hansch analysis, verapamil, inotropic effects; structure-activity relation, heart, cat, 302, 217
harmaline, kainic acid, adenylcyclase, cGMP, isoniazid; brain, rats, 304, 5
harman, neuroendocrinology; arcuate nucleus, rats, 310, 227
harmane, benzodiazepine receptor; tissue homogenates, 314, 97
heart rate, fentanyl, vagal efferents, cardioinhibitory efferents; dog, 312, 57
heart rate, sotalol, myocardial pH, ischemia; heart, dog, 318, 340
hemicholinium, choline, endplates; diaphragma, mice, 302, 173
hemitransection, monoamine oxidase, succinate dehydrogenase, acid phosphatase; brain, rats, 316, 51
hemolysis, saponin, sapogenin, bupleuri radix, membrane stabilisation; erythrocytes, rats, 316, 262

hepatic blood flow, adenosine analogue, glucagon; dog, 314, 281
hepatic transport, bile acids, d-tubocurarine, acetyl-procainamide, choleresis; rats, 302, 1
hepatobiliary transport, taurocholic acid, bromosulfophthalein; liver, rats, 303, 287
hepatocytes, phalloidin, carbon tetrachloride, actin, bile acids; baby rats, 306, 295
hepatotoxicity, phenacetin metabolism, N-hydroxyphenacetin, phenetidine; hepatocytes, rats, 305, 173
hepatotoxin, microcystis aeruginosa toxin, phalloidin; hepatocytes, rats, 317, 268
hexobarbital, cytochrome 450, hydroxylation, hydrogen peroxyde; hepatic microsomes, 314, 201
hexokinase, energy metabolism, thiopental, electroencephalogram, phosphofructokinase; brain, rats, 318, 56
hexokinase, lipophilic drugs, psychopharmaca, mitochondria, anesthesia; brain, rats, 307, 171
hexoprenaline, adenylate cyclase, aminopyrine, beta-adrenoceptors, catecholamines; gastric mucosa, rats, 320, 175
histamine, adenylate cyclase, spontaneous activity; sinus node, rabbit, 313, 9
histamine, arachidonic acid, prostaglandins, histamine receptors; ear, rabbit, 314, 183
histamine, ethanol, histidine decarboxylase; hypothalamus, rats, 302, 119
histamine, histamine receptors, cimetidine, clemastine; gastrointestinal circulation, dog, 312, 123
histamine, histamine receptors, cimetidine, metiamide; ileum, guinea-pig, 309, 65
histamine, inotropic effect, chronotropic effect; atrium, guinea-pig, 315, 155
histamine, ionophores, cAMP; mast cells, guinea-pig, 302, 165
histamine, isoprenaline, catechol-O-methyl transferase, -O-methylation, extraneuronal uptake; trachea, guinea-pig, 318, 88
histamine, nicotine, tyramine, chlorpheniramine, serotonine, noradrenaline; pulmonary artery, rabbit, 304, 237
histamine, noradrenaline, adrenergic mechanism; cerebral arteries, cat, 312, 239
histamine, renin, H1-receptors, H2-receptors; perfused rat kidney, 319, 239
histamine, substance P, antidromic vasodilatation, neurogenic plasma extravasation, pain fibres, mast cells; rats, 310, 175
histamine, substance P, mast cells, vasodilatation, plasma extravasation; rats, 317, 67
histamine, tachyphylaxis, prostaglandin; tracheal muscle, dog, 308, 117
histamine receptors, histamine, arachidonic acid, prostaglandins; ear, rabbit, 314, 183
histamine receptors, histamine, cimetidine, clemastine; gastrointestinal circulation, dog, 312, 123
histamine receptors, histamine, cimetidine, metiamide; ileum, guinea-pig, 309, 65
histamine-receptor antagonists; heart, guinea-pig, 317, 225
histidine decarboxylase, ethanol, histamine; hypothalamus, rats, 302, 119
homotaurine, taurine, GABA, muscimol, thermoregulation, muscle tone; rabbit, 305, 155
hydergine, ergot alkaloids, serotonin, alpha-adrenoceptors; vasculature, dog, 318, 225
hydralazine, dihydralazine, prostaglandins, minoxidil; blood pressure, dog, 310, 155
hydralazine, hypothermia, ethanol, tolerance, blood pressure; mice, rats, 312, 209
hydrogen peroxyde, hexobarbital, cytochrome 450, hydroxylation; hepatic microsomes, 314, 201
3-hydroxybenzyl-hydrazine, taurine, monoamine precursors, thermoregulation; brain, rats, 304, 95
6-hydroxydopa, morphine, antinociception, noradrenaline, dopamine, 6-hydroxydopamine; mice, rats, 305, 227
6-hydroxydopamine, adrenoceptors, catecholamines, sympathectomy; spleen, rats, 307, 227
6-hydroxydopamine, alcohol intoxication, catecholamines, serotonin, 5,7-dihydroxytryptamine; brain, rats, 308, 165
6-hydroxydopamine, alpha-adrenoceptors, WB-4101, receptor binding; heart, rats, 307, 223
6-hydroxydopamine, kallikrein, sympathetic activity; hypertensive rats, 313, 155
6-hydroxydopamine, morphine, antinociception, noradrenaline, dopamine, 6-hydroxydopa; mice, rats, 305, 227
6-hydroxydopamine, morphine, locomotor activity, 5,6-dihydroxytryptamine; mice, rats, 312, 219
6-hydroxydopamine, noradrenaline, GABA, supersensitivity; cerebellar purkinje cells, rats, 315, 37
6-hydroxydopamine, serotonin, noradrenaline, alpha-adrenoceptors, guanethidine; brain cortex, rats, 320, 38
5-hydroxyindole, methiothepin, serotonin, tryptophan, indolectomy; brain, rats, 307, 143
5-hydroxyindoleacetic acid, 5-hydroxytryptamine, para-chloro-N-methylamphetamine, tetrahydronorharmane; rats, 303, 229
5-hydroxyindoleacetic acid, hypothyroidism, 5-hydroxytryptamine, triiodothyronine, thyroid hormone; brain, rats, 304, 9
5-hydroxyindoleacetic acid, tetrahydro-beta-carbinoles, serotonin; brain, mice, 314, 215
hydroxylation, hexobarbital, cytochrome 450, hydrogen peroxyde; hepatic microsomes, 314, 201
6-hydroxy-tetrahydroharmane, indolalkylamines, hypothermia, nociception, behaviour; man, rats, 310, 35
5-hydroxytryptamine, adenosine, inosine; hind limb, rats, 302, 55
5-hydroxytryptamine, amphetamine, locomotor activity, stereotypy; behavioural testing, rats, 308, 51
5-hydroxytryptamine, anesthetics, membrane lipids; membranes, rats, 307, 199
5-hydroxytryptamine, antidepressants, noradrenaline; brain cortex, rats, 319, 66
5-hydroxytryptamine, caerulein, substance P, cholinomimetics; ileum, guinea-pig, 312, 131
5-hydroxytryptamine, catecholamines; human blood platelets, 316, 81
5-hydroxytryptamine, clonidine, hypothermia, vasodilatation, alpha-adrenoceptors; cerebroventricular injection, rabbit, 315, 195
5-hydroxytryptamine, 5,7-dihydroxytryptamine, dopamine, neuroleptics, catalepsy; brain, rats, 304, 135
5-hydroxytryptamine, 5-hydroxytryptophan, dopamine, monoaminergic interaction; striatum, rats, 303, 63
5-hydroxytryptamine, hypothyroidism, triiodothyronine, thyroid hormone, 5-hydroxyindoleacetic acid; brain, rats, 304, 9
5-hydroxytryptamine, lithium, antidepressants; hypocampus, rats, 307, 129
5-hydroxytryptamine, metergoline, serotoninergic receptors; brain, rats, 302, 313
5-hydroxytryptamine, methadone, naloxone, tyrosine, opiate receptors; brain, rats, 307, 51
5-hydroxytryptamine, morphine, body temperature, tolerance, catecholamines; brain, rats, 313, 125
5-hydroxytryptamine, neuropeptides, peristaltic reflex; intestine, guinea-pig, 307, 257
5-hydroxytryptamine, noradrenaline, alpha-adrenoceptors, serotoninergic neurones; brain cortex, rats, 313, 21
5-hydroxytryptamine, noradrenaline, desipramine, synaptosomes, alpha-adrenoceptors; brain, rats, 318, 173
5-hydroxytryptamine, noradrenaline, sympathetic nerves, indolethylamines, chronotropic effect, presynaptic receptors; heart, rabbit, 308, 9
5-hydroxytryptamine, para-chloro-N-methylamphetamine, tetrahydronorharmane, 5-hydroxyindoleacetic acid; rats, 303, 229
5-hydroxytryptamine, presynaptic receptors, serotoninergic neurons, calcium; brain cortex, rats, 310, 93
5-hydroxytryptamine, substance P, GABA, alpha-flupenthixol, dopamine; substantia nigra, rats, 304, 271

5-hydroxytryptamine, thermoregulation, dopamine, haloperidol, methysergide, serotonergic structures; rabbit, 306, 61
5-hydroxytryptamine inhibitors, MAO inhibitors; 5-hydroxytryptophan syndrome, rats, 311, 185
5-hydroxytryptamine receptor, intracranial vessels; arteries, man, rats, 319, 12
5-hydroxytryptamine receptors, metoclopramide, acetylcholine; myenteric plexus, guinea-pig, 319, 231
5-hydroxytryptophan, 5-hydroxytryptamine, dopamine, monoaminergic interaction; striatum, rats, 303, 63
5-hydroxytryptophan, methysergide, metoclopramide, quipazine, haloperidol; wet-dog shake response, rats, 307, 135
5-hydroxytryptophan, tryptophan, tyrosine, DOPA, catecholamines; brain, rats, 303, 157
hyperemia, substance P, vasoactive intestinal polypeptide, capsaicin, neurogenic vasodilatation; paw, rats, 316, 165
hyperglycaemia, diazoxide, propranolol, beta-adrenoceptors, renin-angiotensin-system; rabbit, 303, 15
hyperglycaemia, streptozotocin, hypertension, hyperlipaemia, cataract; rats, 305, 123
hyperglycemia, diazoxide, blood pressure, uterine relaxation, beta-adrenoceptors; rats, 316, 190
hyperkalemia, cardiac conduction, refractory period; heart, dog, 313, 237
hyperlipaemia, streptozotocin, hyperglycaemia, hypertension, cataract; rats, 305, 123
hypertension, diabetes, renin, streptozotocin, dopamine-beta-hydroxylase; tail blood flow, rats, 313, 257
hypertension, dopamine beta-hydroxylase, phenylethanolamine-N-methyltransferase; spontaneously hypertensive rats, 305, 127
hypertension, streptozotocin, hyperglycaemia, hyperlipaemia, cataract; rats, 305, 123
hyperthermia, endorphins, opiate receptors; body temperature, rats, 309, 137
hyperthyroidism, hypothyroidism, catecholamines, circulation; pithed rats, 317, 159
hypobaric hypoxia, tabernanthine, catecholamines; brain, rats, 313, 119
hypokalemia; atrioventricular conduction, dog, 319, 178
hypophysectomy, ethanol, aminoacids, propranolol, adrenalectomy; rats, 317, 214
hypothermia, clonidine, 5-hydroxytryptamine, vasodilatation, alpha-adrenoceptors; cerebroventricular injection, rabbit, 315, 195
hypothermia, hydralazine, ethanol, tolerance, blood pressure; mice, rats, 312, 209
hypothermia, indolalkylamines, 6-hydroxy-tetrahydroharmane, nociception, behaviour; man, rats, 310, 35
hypothyroidism, 5-hydroxytryptamine, triiodothyronine, thyroid hormone, 5-hydroxyindoleacetic acid; brain, rats, 304, 9
hypothyroidism, hyperthyroidism, catecholamines, circulation; pithed rats, 317, 159
hypoxia, tetanus toxin, cardiovascular system, adrenergic blockers; dog, 318, 220
H1-receptors, histamine, renin, H2-receptors; perfused rat kidney, 319, 239
H2-receptors, histamine, renin, H1-receptors; perfused rat kidney, 319, 239

I

ibuprofen, anti-inflammatory agents, flurbiprofen, cathepsin D, cytoprotective effect; liver, cat, 311, 79
imidazole, pinane thromboxane A2, platelet aggregation; arteries, cat, rabbit, 318, 130
imidazolidines, alpha-adrenoceptors, clonidine; ear artery, rabbit, 309, 217
imipramine, antidepressants, age, sex; human platelets, 313, 189
imipramine, pharmacokinetics; rats, 317, 209
imipramine, serotonin, monoamine synthesis; brain, rats, 302, 115
imipramine, serotonin, nitroimipramine, antidepressants; human platelets, 320, 45
imipramine, serotoninergic neurones, noradrenergic neurones; brain, rats, 317, 310
indolalkylamines, 6-hydroxy-tetrahydroharmane, hypothermia, nociception, behaviour; man, rats, 310, 35
indole metabolism, tetrahydronorharmane; human urine, rat brain, 305, 135
indolectomy, 5-hydroxyindole, methiothepin, serotonin, tryptophan; brain, rats, 307, 143
indolethylamines, 5-hydroxytryptamine, noradrenaline, sympathetic nerves, chronotropic effect, presynaptic receptors; heart, rabbit, 308, 9
indomethacin, acetylsalicylic acid, nictindole, platelet aggregation; cat, rabbit, 302, 25
indomethacin, bradykinin, prostaglandin, angiotensin converting enzyme, SQ 14,225; blood pressure, rats, 308, 111
indomethacin, malondialdehyde, arachidonic acid, acetylsalicylic acid, cyclo-oxygenase; platelets, rats, 312, 85
indomethacin, meclofenamate, renin, baroreceptors; adrenalectomy, rats, 309, 25
indomethacin, prostacyclin, bradykinin, coronary dilation; guinea-pig, ox, 307, 213
indomethacin, Prostaglandin B2, thromboxane, anaphylaxis, radioimmunoassay; guinea-pig, 305, 247
indomethacin, prostaglandines, mechanical stimulation, blood flow, transmucosal movement; jejunal mucosa, rats, 305, 91
indomethacine, complement peptides, evans blue, leukocytes, colchicine, paramethasone; vascular permeability, chemotaxis, guinea-pig, 302, 45
induction, nitrofurantoin, ethanol; liver, rats, 315, 167
inflammation, capsaicin, substance P, chemosensitive pain fibres; peripheral nerves, rats, 313, 91
inhibitory interneurons, diazepam, GABAergic transmission; hippocampus, rats, 309, 131
inosine, adenosine, 5-hydroxytryptamine; hind limb, rats, 302, 55
inotropic action, cAMP, cGMP, carbachol, isoprenaline, theophylline; heart, dog, 312, 175
inotropic effect, acetylcholine, adrenoceptors, muscarinic receptor; heart, rabbit, 320, 152
inotropic effect, adrenoceptors, slow action potential; heart, rabbit, 318, 330
inotropic effect, adriamycin, cardiotoxicity, calcium; rats, guinea-pig, 317, 252
inotropic effect, alpha-adrenoceptor agonists; heart, guinea-pig, 316, 108
inotropic effect, alpha-adrenoceptors, phenylephrine; heart, monkey, 318, 370
inotropic effect, 4-aminopyridine, catecholamines, action potential, calcium; heart, dog, 307, 207
inotropic effect, amrinone, cAMP, phosphodiesterase inhibitor; heart, guinea-pig, 318, 112
inotropic effect, beta-blockers; heart, cat, guinea-pig, 311, 205
inotropic effect, cardenolides, ATPase, digitalis receptor; heart, guinea-pig, 304, 37
inotropic effect, catecholamines, adrenoceptors; auricular strips, man, 312, 99
inotropic effect, catecholamines, beta-adrenoceptors, adenylate cyclase, bupranolol; human myocardium, 319, 216
inotropic effect, cGMP, action potential, acetylcholine; auricle, rabbit, 304, 211
inotropic effect, chronotropic effect, phenylephrine, isoproterenol, adrenaline, adrenoceptors; heart, rabbit, 318, 336
inotropic effect, competitive antagonism, propranolol, noradrenaline, isoprenaline; model, guinea-pig, 316, 96
inotropic effect, cyclic nucleotide benzyl triesters, phosphodiesterase; heart, guinea-pig, 310, 103
inotropic effect, dihydro-ouabain, propranolol, bathmotropic effect, beta-adrenoceptors; heart, guinea-pig, 307, 99
inotropic effect, dihydro-ouabain, propranolol, sodium flux; heart, guinea-pig, 307, 105

inotropic effect, histamine, chronotropic effect; atrium, guinea-pig, 315, 155
inotropic effect, intrinsic activity, adenylate cyclase, beta-adrenoceptors; heart, cat, 317, 13
inotropic effect, isoquinoline derivatives, antiarrhythmic activity, action potential, ATPase; cat, guinea-pig, 312, 187
inotropic effect, Lithium, thallium, ATPase, sodium pump; atria, guinea-pig, 304, 167
inotropic effect, magnesium, calcium, klinotropic effect; heart, guinea-pig, 303, 111
inotropic effect, manganese, intracellular action; heart, guinea-pig, 306, 249
inotropic effect, N-ethylmaleimide, ATPase, ouabain; heart, guinea-pig, 303, 197
inotropic effect, neuroleptics, action potential, antiarrhythmia; heart, guinea-pig, 304, 27
inotropic effect, nifedipine derivatives, structure-activity relationship; heart, cat, 310, 69
inotropic effect, oxyfedrine, isoprenaline, theophylline, beta-adrenoceptors; heart, guinea-pig, 309, 109
inotropic effect, papaverine, cAMP, cGMP, carbachol; heart, dog, 306, 241
inotropic effect, papaverine, resting potential, potassium; atrium, guinea-pig, 312, 183
inotropic effect, phenylephrine, cAMP, propranolol, phentolamine, alpha-adrenoceptors; heart, cat, 303, 205
inotropic effect, prostacyclin, catecholamines; atrium, rats, 313, 95
inotropic effect, sodium fluoroacetate, ceveratrum alkaloids, tetrodotoxin, ouabain; heart, guinea-pig, 303, 7
inotropic effect, sympathectomy, extraneuronal uptake, adrenoceptors; heart, guinea-pig, 316, 8
inotropic effect, vanadate, isobutylmethylxanthine, isoprenaline, cAMP; heart, guinea-pig, 315, 147
inotropic effect, vanadate, rubidium, isoproterenol, sodium channel; heart, rats, guinea-pig, 314, 161
inotropic effect, veratridine, cevadine, tetrodotoxin; heart, guinea-pig, 314, 157
inotropic effects, verapamil, Hansch analysis; structure-activity relation, heart, cat, 302, 217
inotropic receptor, cardiotonic agents, ATPase, monensin, cassaine, actodigin, species differences; guinea-pig, rats, rabbit, 308, 81
insulin, adenosine analogues, glucagon, coronary dilators; dog, 304, 249
insulin, adenosine5-N-ethylcarboxamide, glucagon, glucagon; pancreas, dog, 320, 67
insulin, beta-adrenoceptor antagonists; glucose tolerance test, dog, 320, 63
insulin, beta-cell thiols, tolbutamide, methylene blue, diamide; pancreas, rats, 307, 91
insulin, tolbutamide, thiols; pancreas, rats, 317, 262
insulin, yohimbine, prazosin, alpha-adrenoceptors; pancreatic islets, rats, 313, 151
insulin release, sulfonylureas, stimulation, glucose; pankreas, rats, 306, 185
insulinotropic effect, sulfonylureas, cationic transport, theophylline; pancreatic islets, rats, 312, 277
interneurons, dorsal root potentials, apomorphine, dopaminergic neurons; spinal cord, cat, 310, 21
interstitium, sodium nitroprusside, drug metabolism, microcirculation, pharmacokinetics; vascular bed, rats, 320, 260
intestinal absorption; intestine, rats, 307, 265
intestinal absorption, drugs, urea, antipyrine, salicylic acid; intestine, rats, 306, 105
intestinal absorption, intraluminal concentration gradient; jejunum, rats, 309, 271
intestinal absorption, phenylalanine, butanol, antipyrine, urea, salicylic acid; jejunum, rats, 304, 175
intestinal absorption, tetracycline, salicylic acid, EDTA, ions; Rabbit, rats, 306, 89
intestinal peristalsis, opiate withdrawal, naloxone; ileum, guinea-pig, 314, 191
intestinal secretion, cholera toxin, alpha-adrenoceptors; intestinal loops, rats, 318, 181
intestinal secretion, digoxin, drug binding; small intestine, rats, 312, 271
intestinal secretion, loperamide, cholera toxin, fluid transport, cAMP; colon, rats, 317, 178
intestinal secretion, opiates, antidiarrhoeal action, bisacodyl, osmotic laxatives; intestine, rats, 306, 113
intestinal secretion, prostaglandine, enkephalin analogue, morphine, naloxone; small intestine, rats, 308, 261
intestinal secretion, vasoactive intestinal polypeptide, cAMP, adenylate cyclase, morphine; jejunum, rats, 313, 243
intestinal transport, flavonoids, naringenin, renal transport; ileum, kidney, 307, 79
intracellular action, manganese, inotropic effect; heart, guinea-pig, 306, 249
intracranial vessels, 5-hydroxytryptamine receptor; arteries, man, rats, 319, 12
intraluminal concentration gradient, intestinal absorption; jejunum, rats, 309, 271
intraocular pressure, alpha-adrenoceptor agonists, antiglaucomatous agents; eye, rabbit, 316, 294
intrinsic activity, inotropic effect, adenylate cyclase, beta-adrenoceptors; heart, cat, 317, 13
iodocyanopindolol, beta-adrenoceptors; heart, guinea-pig, 318, 319
iodocyanopindolol, beta-adrenoceptors, radioligand binding; rats, guinea-pig, 317, 277
ion channels, endplate currents, acetylcholine receptors, nicotinic agonists; neuromucular junction, frog, 312, 117
ion permeability, noradrenaline, alpha-adrenoceptors, 4-aminopyridine; brain, rats, 317, 103
ion transport, furosemide, ethacrynic acid; kidney, rats, 317, 90
ionophores, histamine, cAMP; mast cells, guinea-pig, 302, 165
ions, tetracycline, intestinal absorption, salicylic acid, EDTA; Rabbit, rats, 306, 89
ipodate sodium, mucosal transfer; small intestine, rats, 311, 273
ischemia, sotalol, myocardial pH, heart rate; heart, dog, 318, 340
isobutylmethylxanthine, bromocriptine, spiperone, cAMP, dopamine receptors; brain, rats, 304, 141
isobutylmethylxanthine, cAMP, prostaglandins; cell cultures, 311, 67
isobutylmethylxanthine, vanadate, isoprenaline, inotropic effect, cAMP; heart, guinea-pig, 315, 147
isoniazid, kainic acid, adenylcyclase, cGMP, harmaline; brain, rats, 304, 5
isopreanline, lipotropin, endorphin; blood, rats, 317, 154
isoprenaline, beta-adrenoceptor blockers, adenylcyclase, chronotropic effect, sinoatrial node; heart, rats, cat, 307, 1
isoprenaline, beta-adrenoceptors, adenylate cyclase, desensitization; reticulocytes, rats, 317, 294
isoprenaline, calcium, verapamil, aminophylline, cAMP; diaphragma, rats, 303, 47
isoprenaline, cAMP, cGMP, inotropic action, carbachol, theophylline; heart, dog, 312, 175
isoprenaline, catechol-O-methyl transferase, -O-methylation, extraneuronal uptake, histamine; trachea, guinea-pig, 318, 88
isoprenaline, catechol-O-methyl transferase inhibitors; trachea, guinea-pig, 307, 235
isoprenaline, competitive antagonism, inotropic effect, propranolol, noradrenaline; model, guinea-pig, 316, 96
isoprenaline, corticosterone, extraneuronal uptake; heart, rats, 303, 121
isoprenaline, dobutamine, beta-adrenoceptors, chronotropic effect, terbutaline; atrium, trachea, guinea-pig, 309, 19
isoprenaline, dopamine, noradrenaline, adrenoceptors, neuronal uptake; tracheal muscle, guinea-pig, 315, 15
isoprenaline, drug receptor subtypes, chronotropic effect; algebraic method, kitten heart, 318, 192
isoprenaline, efflux rate constant, extraneuronal mechanism, mathematical model; heart, rats, 304, 147
isoprenaline, extraneuronal uptake, O-methylation; aorta, rabbit, 316, 120

isoprenaline, extraneuronal uptake, O-methylation, pigment cells; iris, rabbit, 318, 158
isoprenaline, extraneuronal uptake, phentolamine; trachea, guinea-pig, 320, 221
isoprenaline, muscarinic receptors, bethanechol, ganglionic transmission; cervical ganglion, rats, 304, 15
isoprenaline, O-methylation, corticosteroids, normethanephrine, phenoxybenzamine; submaxillary gland, rats, 305, 51
isoprenaline, oxyfedrine, inotropic effect, theophylline, beta-adrenoceptors; heart, guinea-pig, 309, 109
isoprenaline, phosphodiesterase-inhibitors; heart, guinea-pig, 302, 77
isoprenaline, salbutamole, cAMP, propranolol, atenolol; skeletal muscle, guinea-pig, 305, 201
isoprenaline, sodium nitroprusside, antiasthmatics, pulmonary drug resorption, blood pressure; rats, guinea-pigs, 306, 203
isoprenaline, temperature sensivity, catecholamines, extraneuronal uptake; heart, rats, 306, 239
isoprenaline, tyramine, catecholamines, renin, alpha-adrenoceptors; rats, 303, 139
isoprenaline, vanadate, isobutylmethylxanthine, inotropic effect, cAMP; heart, guinea-pig, 315, 147
isoprenaline supersensitivity, reserpine, beta-adrenoceptors; heart, muscle, guinea-pig, 320, 240
isoproterenol, beta-blockers, beta-adrenoceptors; heart, cat, guinea-pig, 311, 219
isoproterenol, inotropic effect, chronotropic effect, phenylephrine, adrenaline, adrenoceptors; heart, rabbit, 318, 336
isoproterenol, inotropic effect, vanadate, rubidium, sodium channel; heart, rats, guinea-pig, 314, 161
isoproterenol, vanadium, ATP, phosphatase; kidney, man, 307, 191
isoquinoline derivatives, inotropic effect, antiarrhythmic activity, action potential, ATPase; cat, guinea-pig, 312, 187
isosorbide dinitrate, molsidomine, nitroglycerin, oxygen consumption; circulation, dog, 317, 71

K

kainic acid, adenylcyclase, cGMP, harmaline, isoniazid; brain, rats, 304, 5
kainic acid, amphetamine, dopaminergic system, drug-brain interactions; substantia nigra, rats, 304, 255
kainic acid, cAMP, neuromodulation, neurotransmission, vasoactive intestinal peptide; brain, rats, 306, 281
kainic acid, dopamine receptors, apomorphine, supersensitivity; brain, rats, 312, 161
kainic acid, GABA-receptor antagonists, dopaminergic impulses; substantia nigra, rats, 306, 153
kainic acid, neurotransmitters, serotoninergic receptors; wet dog shakes, rats, 314, 37
kainic acid, serotonin, feedback regulation; striatum, rats, 306, 173
kallikrein, 6-hydroxydopamine, sympathetic activity; hypertensive rats, 313, 155
kassinin, physalaemin, tachykinins; bioassay, 311, 61
ketotifen, clemastine, mepyramine, anaphylaxis, anti-anaphylactic effect, anti-histaminic effect; rats, 316, 186
kindled seizures, serotoninergic mechanism; amygdala, rabbit, 316, 56
kinetic analysis, noradrenaline, neuronal uptake, membrane transport, sodium; vas deferens, rats, 309, 99
kinin inactivation, endopeptidase; liver, rats, 309, 197
klinotropic effect, magnesium, calcium, inotropic effect; heart, guinea-pig, 303, 111

L

labetalol, noradrenaline, alpha-adrenoceptor antagonist; anococcygeus muscle, 305, 103
larus argentatus, clonidine, cardiovascular effect, alpha-adrenoceptor antagonists; sea gull, 318, 62
latrodectus mactans-venom, noradrenaline, calcium; hypothalamus, rats, 313, 27
latrotoxin, catecholamines, acetylcholine; rats, 320, 224
leukocytes, complement peptides, evans blue, colchicine, paramethasone, indomethacine; vascular permeability, chemotaxis, guinea-pig, 302, 45
lidocaine, 2,4-dinitrophenol, antiarrhythmics; purkinje fibres, dog, 313, 11
lidocaine, tocainide, action potential; heart, guinea-pig, 314, 67
ligandin, phallotoxins, protein binding; hepatocytes, rats, 317, 364
lindane, neuromuscular junction, calcium, neurotransmitter; nerve-muscle preparation, frog, 308, 179
linoleic acid, prostaglandins, sympathectomy, epinephrine; blood pressure, rats, 317, 78
lipid bilayers, organic ion transport, barbiturates; liposomes, 319, 185
lipid bilayers, organic ions, membrane transport; liposomes, 316, 266
lipid bilayers, pseudomonas aeruginosa cytotoxin, permeability; ehrlich ascites cells, mice, 320, 78
lipid peroxidation, galactosamine, carbon tetrachloride, cyanidanol-3; liver injury, rats, 312, 285
lipid peroxidation, paraquat, ethane, toxicity; oxygen breathing, rats, 310, 241
lipid peroxidation, saikosaponin-d, carbon tetrachloride; liver, rats, 320, 266
lipolysis, ACTH; adipocytes, rats, 302, 31
lipolysis, adenosine, dipyridamole, theophylline; adipose tissue, dog, 316, 112
lipolysis, cAMP, nicotinamide adenine dinucleotide, adenylcyclase; fat cells, 306, 179
lipolysis, dopamine-xanthine derivatives, dopamine, glycolysis, metabolic effects; rats, 306, 219
lipophilic drugs, hexokinase, psychopharmaca, mitochondria, anesthesia; brain, rats, 307, 171
lipophilicity, clonidine analogues, bradycardia; pithed rats, 317, 8
lipophilicity, dissociation constants, sympathomimetic amines, catecholamines; 310, 1
lipoproteins, antidepressants, perazine, cholesterol; protein binding, man, 308, 1
lipoproteins, antidepressants, protein binding; human plasma, 314, 61
lipotropin, isopreanline, endorphin; blood, rats, 317, 154
lisuride, bromocriptine, dopaminergic effect, thermoregulation; rats, 306, 147
lisuride, muscular rigidity; musculature, rats, 315, 177
lithium, antidepressants, 5-hydroxytryptamine; hypocampus, rats, 307, 129
lithium, calcium, relaxation, depolarisation; taenia coli, guinea-pig, 315, 69
Lithium, thallium, inotropic effect, ATPase, sodium pump; atria, guinea-pig, 304, 167
lobotomy, adrenoceptors, noradrenaline; cerebral cortex, rats, 316, 42
local anesthetics, beta-adrenoceptor blockers, potentials; artificial membranes, 310, 195
local anesthetics, membrane lipids; 319, 95
locomotor activitiy, 3-chlorophenylpiperazine, avoidance response; mice strains, 319, 271
locomotor activity, 5-hydroxytryptamine, amphetamine, stereotypy; behavioural testing, rats, 308, 51
locomotor activity, morphine, catalepsy, akinesia, alpha-motoneurones; nucleus accumbens, rats, 320, 101
locomotor activity, morphine, 6-hydroxydopamine, 5,6-dihydroxytryptamine; mice, rats, 312, 219
locus coeruleus, catecholamines; hypothalamus, cat, 308, 137
locus coeruleus, GABA; hypothalamus, cat, 308, 143
loperamide, cholera toxin, intestinal secretion, fluid transport, cAMP; colon, rats, 317, 178
loperamide, constipation, morphine, naloxone, opiate receptors; rats, mice, guinea-pig, 308, 255
LSD, antidepressants, serotonin; raphe, rats, 314, 123
LSD, cholinergic drugs, dopaminergic system, cholinergic system; catalepsy, rats, 313, 45
lungenzymes, phenylethanolamineN-methyltransferase, SK-F 64139; mammalian lungs, 313, 263

lysosomal enzymes, proteolysis, suramin, lysosomes, cathepsins; liver, rats, 304, 183
lysosomal storage disorders, suramin, mucopolysaccharides, organomegaly; rats, 319, 262
lysosomes, dinitrophenol, calcium; mammalian muscle, 315, 77
lysosomes, proteolysis, suramin, cathepsins, lysosomal enzymes; liver, rats, 304, 183

M

magnesium, alpha-adrenoceptors, divalent cation sites; brain, rats, 314, 101
magnesium, alpha-noradrenoceptors, clonidine, guanyl nucleotides, sodium; cerebral cortex, rats, 306, 67
magnesium, calcium, inotropic effect, klinotropic effect; heart, guinea-pig, 303, 111
magnesium, manganese, calcium, adenylcyclase, guanylyl-imidodiphosphate; erythrocytes, rats, 303, 145
magnesium, noradrenaline, calcium, noradrenergic neurons; brain, rats, 307, 29
magnesium, verapamil, sodium-calcium exchange; aorta, guinea-pig, 309, 171
malondialdehyde, arachidonic acid, acetylsalicylic acid, indomethacin, cyclo-oxygenase; platelets, rats, 312, 85
manganese, inotropic effect, intracellular action; heart, guinea-pig, 306, 249
manganese, magnesium, calcium, adenylcyclase, guanylyl-imidodiphosphate; erythrocytes, rats, 303, 145
MAO inhibitors, 5-hydroxytryptamine inhibitors; 5-hydroxytryptophan syndrome, rats, 311, 185
MAO-inhibitors, catecholamines, dopamine; brain, rats, 318, 29
MAO-subtypes, monoamine oxidase inhibitors; saphenous vein, dog, 318, 148
mast cell amines, neurogenic oedema, substance P, capsaicin; saphenous nerve, rats, 314, 271
mast cells, substance P, antidromic vasodilatation, neurogenic plasma extravasation, pain fibres, histamine; rats, 310, 175
mast cells, substance P, histamine, vasodilatation, plasma extravasation; rats, 317, 67
mast cells, substance P, neurotensin, vascular permeability; evans blue, rats, 309, 159
mathematical model, isoprenaline, efflux rate constant, extraneuronal mechanism; heart, rats, 304, 147
mecamylamine, capsaicin, purinergic neurons, tachyphylaxis, cholinergic neurons; taenia caeci, guinea-pig, 309, 77
mechanical stimulation, prostaglandines, indomethacin, blood flow, transmucosal movement; jejunal mucosa, rats, 305, 91
meclofenamate, indomethacin, renin, baroreceptors; adrenalectomy, rats, 309, 25
melanocyte-stimulating hormone, dopaminergic agonists, cholinergic, agonists; rats, 316, 155
membrane conductance, barium; kidney, necturus, 318, 135
membrane lipids, anesthetics, 5-hydroxytryptamine; membranes, rats, 307, 199
membrane lipids, local anesthetics; 319, 95
membrane potential, 2-nicotinamidethyl nitrate, methacholine; atrium, dog, 312, 69
membrane potential, sodium pump, D 600, dihydro-ouabain; ear artery, rabbit, 303, 213
membrane resistance, barium, calcium, action potential; heart, guinea-pig, 315, 47
membrane stabilisation, saponin, sapogenin, bupleuri radix, hemolysis; erythrocytes, rats, 316, 262
membrane stabilizing, antiinflammatory steroids, prostaglandins; ileum, guinea-pig, 309, 191
membrane transport, antischistosomal drugs, praziquantel, benzodiazepines; schistosomes, 304, 309
membrane transport, noradrenaline, neuronal uptake, sodium, kinetic analysis; vas deferens, rats, 309, 99
membrane transport, noradrenaline, sodium, monovalent cations, neuronal uptake; vas deferens, rats, 309, 89
membrane transport, organic ions, lipid bilayers; liposomes, 316, 266
mepacrine, cGMP, arachidonic acid, calcium, sodium nitroprusside; ductus deferens, rats, 311, 71
MEPP, neuromuscular junction, calcium; frog, 315, 29
mepyramine, ketotifen, clemastine, anaphylaxis, anti-anaphylactic effect, anti-histaminic effect; rats, 316, 186
metabolic effects, dopamine-xanthine derivatives, dopamine, lipolysis, glycolysis; rats, 306, 219
metachlorophenylpiperazine, serotonin, anorectic activity, catecholamines; synaptosomes, rats, 308, 159
metergoline, serotoninergic receptors, 5-hydroxytryptamine; brain, rats, 302, 313
methacholine, muscarinic antagonists, muscarinic receptor; heart, rabbit, 316, 31
methacholine, 2-nicotinamidethyl nitrate, membrane potential; atrium, dog, 312, 69
methadone, 5-hydroxytryptamine, naloxone, tyrosine, opiate receptors; brain, rats, 307, 51
methadone, morphine, codeine, cross tolerance, opioid mechanism; tolerant mice, 320, 50
methamphetamine, tyrosine hydroxylase, dopamine, adrenal gland; brain, rats, 310, 185
methaqualone, benzodiazepin receptor, non-benzodiazepine drugs, anxiolytic effect, anticonvulsive effect; synaptosomes, rats, 305, 23
methionine-enkephalin, morphine, naltrexone, opiate-like compounds; vas deferens, mice, 305, 5
methiothepin, 5-hydroxyindole, serotonin, tryptophan, indolectomy; brain, rats, 307, 143
methiothepin, serotoninergic receptors, adenylcyclase, supersensitivity; brain, rats, 310, 25
methotrexate, anticonvulsants, calcium, phenytoin; mice, 315, 63
methoxyhydroxyphenylglycol, stereoisomers, sulphates; dog, 314, 89
5-methoxyindoles, tryptamine; pineal gland, 318, 49
3-methoxytyramine, dopamine, haloperidol; striatum, rats, 315, 219
3-methoxy-4-hydroxyphenylglycol, antidepressants, clonidine, desipramine, amitriptyline; brain, rats, 305, 207
-O-methylation, isoprenaline, catechol-O-methyl transferase, extraneuronal uptake, histamine; trachea, guinea-pig, 318, 88
O-methylation, isoprenaline, extraneuronal uptake; aorta, rabbit, 316, 120
O-methylation, isoprenaline, extraneuronal uptake, pigment cells; iris, rabbit, 318, 158
N-methylatropine, muscarine receptor, noradrenaline, pirenzepine; heart, rats, 318, 210
3-methylcholanthrene, ethoxyquin, UDP-glucuronosyltransferase, antioxidants; rats, 310, 249
methylene blue, beta-cell thiols, tolbutamide, insulin, diamide; pancreas, rats, 307, 91
methylphenidate, analgesics, apomorphine, antidopaminergic activity; stereotypy, mice, 312, 225
methylxanthines, adenosine, adenosine derivatives, binding sites; brain membranes, rats, 310, 59
methylxanthines, adenosine receptors, N6-phenylisopropyladenosine; brain, rats, 313, 179
methyrapone, biphenyl metabolism, alpha-naphthoflavone, enzyme induction, differential inhibition; liver, rats, 304, 297
methysergide, 5-hydroxytryptophan, metoclopramide, quipazine, haloperidol; wet-dog shake response, rats, 307, 135
methysergide, para-methoxyamphetamine, 2,5-dimethoxyamphetamine, serotonergic mechanism, para-chlorphenylalanine; suprahyoidale muscle, rats, 304, 101
methysergide, thermoregulation, dopamine, 5-hydroxytryptamine, haloperidol, serotonergic structures; rabbit, 306, 61
metiamide, histamine, histamine receptors, cimetidine; ileum, guinea-pig, 309, 65
metoclopramide, acetylcholine, 5-hydroxytryptamine receptors; myenteric plexus, guinea-pig, 319, 231
metoclopramide, dopamine, droperidol, vasodilatation, structure-activity relationship; mesenteric artery, rabbit, 316, 24

metoclopramide, dopamine, renal vascular resistence, competitive antagonism; kidney, dog, 314, 177
metoclopramide, 5-hydroxytryptophan, methysergide, quipazine, haloperidol; wet-dog shake response, rats, 307, 135
metyrapone, beta-endorphin, radioimmunoassay; stress, rats, 303, 171
mianserin, alpha-adrenoceptors, adrenoceptor agonists, adrenoceptor antagonists; pithed rats, 313, 101
mianserin, alpha2-adrenoceptors, clonidine; dog, guinea-pig, chicken, 318, 288
mianserin, amitriptyline, viloxazine, ganglionic receptors; cervical ganglion, cat, 316, 161
Mianserin metabolites, noradrenaline uptake, alpha-adrenoceptors; brain, rats, 319, 48
microcirculation, papaverine; brain cortex, cat, 305, 149
microcirculation, sodium nitroprusside, interstitium, drug metabolism, pharmacokinetics; vascular bed, rats, 320, 260
microcystis aeruginosa toxin, hepatotoxin, phalloidin; hepatocytes, rats, 317, 268
microperfusion, oxalate, micropuncture, probenicid; kidney, rats, 304, 277
micropuncture, 2,4-diamino-6,7-dimethylpteridine, 6,7-dimethylpterin, reabsorption; single nephron, rats, 306, 287
micropuncture, oxalate, microperfusion, probenicid; kidney, rats, 304, 277
microsomal inhibitor, prostaglandin synthetase, bioflavonoids; kidney, rats, 306, 85
microsomal monooxygenases, digitoxin metabolism, spirolactone; microsomes, rats, 305, 261
microsomes, muscarinic receptor, cholinergic agonists, cholinergic antagonists; atrium, rats, 309, 259
microwave irridation, DOPA, catecholamines; brain, rats, 316, 299
milk, endorphins, baby food; ileum, guinea-pig, 306, 301
minoxidil, hydralazine, dihydralazine, prostaglandins; blood pressure, dog, 310, 155
mitochondria, lipophilic drugs, hexokinase, psychopharmaca, anesthesia; brain, rats, 307, 171
MK-447, diuretics, tubular secretion, saluresis; kidney, hens, 317, 357
molsidomine, nitroglycerin; intracranial pressure, dog, 320, 201
molsidomine, nitroglycerin, isosorbide dinitrate, oxygen consumption; circulation, dog, 317, 71
monensin, cardiotonic agents, ATPase, inotropic receptor, cassaine, actodigin, species differences; guinea-pig, rats, rabbit, 308, 81
monoamine oxidase, amezinium; heart, rats, 314, 13
monoamine oxidase, amezinium, noradrenaline; heart, artery, rabbit, 314, 1
monoamine oxidase, dopamine, catechol-O-methyl-transferase; caudate nucleus, rabbit, 316, 205
monoamine oxidase, dopaminergic neurone, amphetamine, dopamine; striatum, substantia nigra, rats, 311, 45
monoamine oxidase, enzyme titration; human platelets, 313, 77
monoamine oxidase, hemitransection, succinate dehydrogenase, acid phosphatase; brain, rats, 316, 51
monoamine oxidase, noradrenaline, catechol-O-methyl-transferase; hypothalamus, mice, 302, 337
monoamine oxidase, noradrenaline, catechol-O-methyl-transferase, extraneuronal uptake; heart, rats, 303, 37
monoamine oxidase, noradrenaline, catechol-O-methyl-transferase, pargyline; aorta, rats, 302, 181
monoamine oxidase, noradrenaline, stereoselectivity, catechol-O-methyl-transferase; aorta, rabbit, 302, 195
monoamine oxidase inhibitors, MAO-subtypes; saphenous vein, dog, 318, 148
monoamine oxidases; blood vessels, dog, 319, 121
monoamine oxidases, clorgyline, deprenil; human brain, 311, 263
monoamine precursors, taurine, 3-hydroxybenzyl-hydrazine, thermoregulation; brain, rats, 304, 95
monoamine synthesis, enkephalin analogues, opiate receptors; brain, rats, 310, 211
monoamine synthesis, serotonin, imipramine; brain, rats, 302, 115
monoamine turnover, neurotensin, neurotensin analogue, neuropeptides; brain, rats, 305, 213
monoamineoxidase, compartmental analysis, catechol-O-methyl-transferase, noradrenaline; heart, rats, 308, 199
monoaminergic interaction, 5-hydroxytryptamine, 5-hydroxytryptophan, dopamine; striatum, rats, 303, 63
monoamines, clonidine, amphetamine, yohimbine; iris, cat, 309, 235
monooxygenase inducer, DNA, benzo(a)pyrene, beta-naphthoflavone; lung, rats, 303, 303
monovalent cations, noradrenaline, sodium, neuronal uptake, membrane transport; vas deferens, rats, 309, 89
morphine, acetylcholine, calcium, oxotremorine; myenteric plexus, guinea-pig, 311, 119
morphine, adrenoceptor agonists, adrenoceptor antagonists, clonidine, opiate receptors; ileum, guinea-pig, 314, 83
morphine, akinesia, alpha-motoneurones; striatum, rats, 317, 44
morphine, akinesia, catalepsy, muscular rigidity; nucleus accumbens, rats, 318, 143
morphine, antinociception, beta-endorphin, bicuculline, GABA; tail flick, rats, 316, 231
morphine, antinociception, muscimol, bicuculline; brain, rats, 318, 368
morphine, antinociception, noradrenaline, dopamine, 6-hydroxydopa, 6-hydroxydopamine; mice, rats, 305, 227
morphine, body temperature, 5-hydroxytryptamine, tolerance, catecholamines; brain, rats, 313, 125
morphine, capsaicin, nociceptive threshold, sensory neurones; tail withdrawal test, rats, 311, 285
morphine, catalepsy, receptor regulation, dopamine; striatum, rats, 319, 140
morphine, clonidine, analgesia, antinociception; rats, 304, 1
morphine, codeine, cross tolerance, methadone, opioid mechanism; tolerant mice, 320, 50
morphine, constipation, naloxone, opiate receptors, loperamide; rats, mice, guinea-pig, 308, 255
morphine, enkephalin, GABA, neurotransmitter; striatum, rats, 310, 203
morphine, enkephalin, naloxone, opiate receptors; iris, rabbit, 315, 1
morphine, gastrointestinal propulsion, gastric emptying, caerulein, naloxone; mice, 318, 66
morphine, intestinal secretion, prostaglandine, enkephalin analogue, naloxone; small intestine, rats, 308, 261
morphine, intestinal secretion, vasoactive intestinal polypeptide, cAMP, adenylate cyclase; jejunum, rats, 313, 243
morphine, locomotor activity, catalepsy, akinesia, alpha-motoneurones; nucleus accumbens, rats, 320, 101
morphine, locomotor activity, 6-hydroxydopamine, 5,6-dihydroxytryptamine; mice, rats, 312, 219
morphine, methionine-enkephalin, naltrexone, opiate-like compounds; vas deferens, mice, 305, 5
morphine, naloxone; respiration, rabbit, 311, 199
morphine, naloxone, abstinence; suprahyoidal muscle, rats, 312, 43
morphine, noradrenaline, potassium; brain, rats, 313, 135
morphine, opioid analgesics, haloperidol, caudate nucleus, anti-nociceptive effect; tail-flick response, rats, 309, 145
morphine, visceral pain, nociception, caerulein, naloxone; renal pelvis, rats, 319, 161
motoneurones, tetanus toxin, rhythmic activity; cerebellum, spinal cord, rabbit, 317, 51
motoneurons, tetanus toxin, electrical excitability; gastrocnemius, cat, 308, 71
motor activity, alpha-adrenoceptors, clonidine, B-HT 920, sedation; behaviour, mice, 317, 180
motor activity, alpha-methyl-p-tyrosine, amphetamine; brain, rats, 304, 125
motor activity, consummatory behaviour, aphagia, adipsia; substantia nigra, rats, 313, 51
motor activity, GABA-receptors, GABA-analogues, baclofen; brain, rats, 302, 133

motor activity, p-chlorophenylalanine, serotonine receptor; rats, 305, 143
motor activity, tyrosine hydroxylase, H 44-68, FLA-63, diurnal rhythm, catecholamines; rats, 303, 251
motor endplate, toxiferine, drug binding sites, nicotinic acetylcholine receptors; diaphragma, mice, 306, 17
mucopolysaccharides, suramin, organomegaly, lysosomal storage disorders; rats, 319, 262
mucosal transfer, ipodate sodium; small intestine, rats, 311, 273
multiple sclerosis, shape change reaction, myelin basic protein, polypeptides, depolarisation; platelets, 310, 87
muscarine receptor, gamma-butyrolactone, cholinomimetic agents; behaviour, rats, 318, 14
muscarine receptor, noradrenaline, N-methylatropine, pirenzepine; heart, rats, 318, 210
muscarine receptors, carbachol, atropine; iris, man, 306, 209
muscarinic action, muscarinic receptor, clozapine; bioassay, crayfish, cat, 320, 20
muscarinic agonists, acetylcholine, presynaptic effects, postsynaptic effects; ileum, guinea-pig, 314, 259
muscarinic antagonists, methacholine, muscarinic receptor; heart, rabbit, 316, 31
muscarinic cholinoceptors, sympathetic denervation, quinuclidinylbenzilate; submaxillary giand, rats, 312, 15
muscarinic mechanism, physostigmine, oxotremorine; hypertensive rats, 306, 81
muscarinic receptor; brain, rats, 320, 3
muscarinic receptor, acetylcholine, inotropic effect, adrenoceptors; heart, rabbit, 320, 152
muscarinic receptor, acetylcholine, noradrenaline, physostigmine; atrium, rabbit, 320, 160
muscarinic receptor, choline, acetylcholine; myenteric plexus, guinea-pig, 316, 131
muscarinic receptor, cholinergic agonists, cholinergic antagonists, microsomes; atrium, rats, 309, 259
muscarinic receptor, muscarinic action, clozapine; bioassay, crayfish, cat, 320, 20
muscarinic receptor, muscarinic antagonists, methacholine; heart, rabbit, 316, 31
muscarinic receptors; enterocytes, rats, 319, 18
muscarinic receptors, acetylcholine, atropine; brain, rats, 303, 279
muscarinic receptors, adenylcyclase, guanine nucleotides, sodium; heart, rabbit, 310, 113
muscarinic receptors, cholinergic agonists, cholinergic antagonists, SH-groups, guanine nucleotides; heart, rats, 314, 51
muscarinic receptors, isoprenaline, bethanechol, ganglionic transmission; cervical ganglion, rats, 304, 15
muscarinic receptors, paraoxon; haemodynamics, cat, 317, 168
muscarinic receptors, prostaglandins, arachidonic acid, nicotine; ear, rabbit, 317, 345
muscarinic receptors, tandamine, biogenic amines, desipramine, anticholinergic activity; brain, rats, 308, 239
muscimol, antinociception, morphine, bicuculline; brain, rats, 318, 368
muscimol, baclofen, GABA, rotational behaviour, GABA receptors; substantia nigra, rats, 306, 275
muscimol, catalepsy, haloperidol, gabaculine, benzodiazepines, gabaergic transmission; brain, rats, 305, 219
muscimol, GABA, baclofen, blood pressure; nucleus tractus solitarii, cat, 319, 168
muscimol, GABA receptors, dopamine receptors, apomorphine, turning behaviour; brain, rats, 310, 43
muscimol, GABAergic mechanism, gamma-hydroxybutyric acid, respiration, baclofen; rats, 317, 315
muscimol, GABA-receptors, blood pressure, glycine; rats, 313, 225
muscimol, GABA-receptors, DOPA; urinary bladder, rats, 314, 195
muscimol, taurine, homotaurine, GABA, thermoregulation, muscle tone; rabbit, 305, 155
muscle geometry, noradrenaline, drug; heart, guinea-pig, 303, 1
muscle relaxants, reflex transmission, psychoactive drugs; neuromuscular transmission, mice, 315, 211
muscle relaxation, nucleosides, neuromuscular junction, reflexes; spinal cord, mice, 316, 64
muscle tone, cGMP derivatives, cGMP, smooth muscle; rats, rabbit, 306, 1
muscle tone, taurine, homotaurine, GABA, muscimol, thermoregulation; rabbit, 305, 155
muscular rigidity, lisuride; musculature, rats, 315, 177
muscular rigidity, morphine, akinesia, catalepsy; nucleus accumbens, rats, 318, 143
muscular rigidity, opioid receptors, opioids, electromyogram; striatum, rats, 317, 321
myelin basic protein, shape change reaction, polypeptides, depolarisation, multiple sclerosis; platelets, 310, 87
myenteric plexus, capsaicin, cholinergic mechanism; small intestine, guinea-pig, 305, 83
myenteric plexus, substance P, peptidergic nerves; intestine, guinea-pig, 307, 57
myenteric plexus, yohimbine, tolazoline, phentolamine, alpha-adrenoceptors; ileum, guinea-pig, 309, 255
myocardial mechanics, prostacyclin, dihydro-prostacyclins, coronary vascular tone; cow, guinea-pig, 306, 213
myocardial pH, sotalol, ischemia, heart rate; heart, dog, 318, 340
myofibrils, caffeine, myopathy; frog muscle, 305, 159
myopathy, caffeine, myofibrils; frog muscle, 305, 159

N

N,N-di-n-propyldopamine, dopamine receptors, antihypertensive drugs; cat, dog, 314, 17
naloxone, cGMP, GABAergic antagonism; cerebellum, mice, 306, 169
naloxone, constipation, morphine, opiate receptors, loperamide; rats, mice, guinea-pig, 308, 255
naloxone, enkephalins, tolerance, opioid dependence; striatum, rats, 313, 145
naloxone, Fentanyl, opiate receptors, electroencephalogram; cisterna magna, dog, 307, 123
naloxone, gastrointestinal propulsion, gastric emptying, caerulein, morphine; mice, 318, 66
naloxone, intestinal secretion, prostaglandine, enkephalin analogue, morphine; small intestine, rats, 308, 261
naloxone, methadone, 5-hydroxytryptamine, tyrosine, opiate receptors; brain, rats, 307, 51
naloxone, morphine; respiration, rabbit, 311, 199
naloxone, morphine, abstinence; suprahyoidal muscle, rats, 312, 43
naloxone, morphine, enkephalin, opiate receptors; iris, rabbit, 315, 1
naloxone, opiate receptors, baroreceptor, opiates; blood pressure, rabbit, 319, 206
naloxone, opiate withdrawal, intestinal peristalsis; ileum, guinea-pig, 314, 191
naloxone, opioids, opiate receptors, endophinergic system; myenteric plexus, guinea-pig, 306, 93
naloxone, peristalsis, opioids; small intestine, guinea-pig, 309, 153
naloxone, substance P, nociception; tail flick, rats, 317, 135
naloxone, substance P, nociceptive activity; rats, 319, 154
naloxone, vasopressin, dopamine receptors; neurohypophysis, rats, 319, 56
naloxone, visceral pain, nociception, morphine, caerulein; renal pelvis, rats, 319, 161
naloxone, withdrawal, dopamine, apomorphine, clonidine; tolerance, dependence, rats, 305, 1
naltrexone, morphine, methionine-enkephalin, opiate-like compounds; vas deferens, mice, 305, 5
narcotic analgesic drugs, opiate receptor subtypes, agonists-antagonists; ileum, vas deferens, 319, 197
naringenin, flavonoids, intestinal transport, renal transport; ileum, kidney, 307, 79
N-demethylation, drug metabolism, aminopyrine breath test; guinea-pig, 313, 175
N-diphenethylamine compounds, dopamine receptors, adenylcyclas acetylcholine; striatum, rats, 309, 241
negative inotropic effect, clonidine-N-allyl-derivative, bradycardia, antiarrhythmic; guinea-pig, rats, cat, 306, 255

nerve degeneration, sympathectomy, noradrenaline, bretylium, pargyline; pineal gland, rats, 319, 136
nerve endings, adrenoceptors, catechol-O-methyl-transferase, biophases; saphenous vein, dog, 316, 200
nerve-muscle transmission, cyclic nucleotides, noradrenaline, phosphodiesterase inhibitors; vas deferens, guinea-pig, 308, 99
N-ethylmaleimide, ATPase, inotropic effect, ouabain; heart, guinea-pig, 303, 197
neuraminidase, tetanus toxin, botulinum toxin, neuromuscular junction; diaphragma, mice, 311, 33
neuroendocrinology, harman; arcuate nucleus, rats, 310, 227
neurogenic oedema, mast cell amines, substance P, capsaicin; saphenous nerve, rats, 314, 271
neurogenic oedema, sensory nerves, axonal transport, colchicine; saphenous nerve, rats, 314, 277
neurogenic plasma extravasation, substance P, antidromic vasodilatation, pain fibres, histamine, mast cells; rats, 310, 175
neurogenic vasodilatation, hyperemia, substance P, vasoactive intestinal polypeptide, capsaicin; paw, rats, 316, 165
neuroleptics, action potential, inotropic effect, antiarrhythmia; heart, guinea-pig, 304, 27
neuroleptics, 5,7-dihydroxytryptamine, 5-hydroxytryptamine, dopamine, catalepsy; brain, rats, 304, 135
neuroleptics, dopamine receptors, ascorbate; striatum, cat, rats, 317, 31
neuroleptics, dopamine receptors, GABA; catalepsy, rats, 311, 179
neuroleptics, noradrenaline, alpha-adrenoceptors; cerebral cortex, rats, 315, 103
neuromodulation, kainic acid, cAMP, neurotransmission, vasoactive intestinal peptide; brain, rats, 306, 281
neuromodulator, substance P, baroreceptor neurones, neurotransmitter; cats, rats, 314, 111
neuromuscular junction, calcium, MEPP; frog, 315, 29
neuromuscular junction, ferritin, exocytosis, acetylcholine; nerve-muscle preparation, frog, 318, 246
neuromuscular junction, lindane, calcium, neurotransmitter; nerve-muscle preparation, frog, 308, 179
neuromuscular junction, nucleosides; mice, guinea-pig, 319, 130
neuromuscular junction, nucleosides, muscle relaxation, reflexes; spinal cord, mice, 316, 64
neuromuscular junction, snake venom, dendrotoxin, acetylcholine, neurotoxin; mice, chicken, 312, 1
neuromuscular junction, tetanus toxin; phrenic nerve-hemidiaphragma, mice, 317, 326
neuromuscular junction, tetanus toxin, botulinum toxin, neuraminidase; diaphragma, mice, 311, 33
neuro-muscular junction, transmitter, adenosine, ouabain; nerve-muscle preparation, frog, 308, 273
neuromuscular transmission, bungarotoxin, acetylcholine; nerve-muscle preparation, frog, 316, 126
neuronal activity, glucose utilisation, deoxyglucose; hypertensive rats, 316, 331
neuronal firing rate, beta-adrenoceptors, noradrenergic neurones; locus coeruleus, rats, 317, 26
neuronal metabolism, noradrenaline, extraneuronal metabolism; heart, cat, rabbit, 318, 71
neuronal uptake, adrenoceptors, noradrenaline; heart, guinea-pig, 317, 302
neuronal uptake, cocaine, noradrenaline, sorbitol; heart, rabbit, 302, 263
neuronal uptake, dopamine, catecholamines; heart, rats, 314, 231
neuronal uptake, dopamine, noradrenaline, isoprenaline, adrenoceptors; tracheal muscle, guinea-pig, 315, 15
neuronal uptake, 6-fluoronoradrenaline, noradrenaline, adrenoceptors; rats, rabbit, 317, 1
neuronal uptake, noradrenaline, adrenaline, extraneuronal uptake, O-methylation, catecholamines; saphenous vein, dog, 303, 221
neuronal uptake, noradrenaline, extraneuronal uptake, noradrenaline metabolism; heart, rats, 303, 21
neuronal uptake, noradrenaline, membrane transport, sodium, kinetic analysis; vas deferens, rats, 309, 99
neuronal uptake, noradrenaline, sodium, monovalent cations, membrane transport; vas deferens, rats, 309, 89
neuropeptides, neurotensin, neurotensin analogue, monoamine turnover; brain, rats, 305, 213
neuropeptides, peristaltic reflex, 5-hydroxytryptamine; intestine, guinea-pig, 307, 257
neurotensin, neurotensin analogue, monoamine turnover, neuropeptides; brain, rats, 305, 213
neurotensin, substance P, somatostatin, capsaicin, sensory neurones; nervous system, rats, 317, 140
neurotensin, substance P, vascular permeability, mast cells; evans blue, rats, 309, 159
neurotensin analogue, neurotensin, monoamine turnover, neuropeptides; brain, rats, 305, 213
neurotoxicity, cardiac glycosides, ATPase, tissue distribution, glycoside receptors; heart, brain, dog, 307, 65
neurotoxin, snake venom, dendrotoxin, acetylcholine, neuromuscular junction; mice, chicken, 312, 1
neurotoxines, tetanus toxin, botulinum-A toxin, acetylcholine; nerve cell cultures, rats, 303, 133
neurotoxins, cGMP, sodium channel, calcium; cerebellum, mice, 307, 159
neurotoxins, cyclic nucleotides, sodium channel; neuraltissue, mice, 307, 151
neurotransmission, adenosin derivatives, adenosin; vas deferens, rats, 306, 23
neurotransmission, adenosine, adenine nucleosides; vas deferens, rats, 317, 110
neurotransmission, adrenoceptors, adrenaline; heart, toad, 317, 331
neurotransmission, kainic acid, cAMP, neuromodulation, vasoactive intestinal peptide; brain, rats, 306, 281
neurotransmission, presynaptic feedback mechanism, adrenoceptors; saphenous vein, dog, 305, 185
neurotransmitter, blood pressure, cAMP, cGMP; cerebral ventricle, cat, 312, 31
neurotransmitter, enkephalin, GABA, morphine; striatum, rats, 310, 203
neurotransmitter, lindane, neuromuscular junction, calcium; nerve-muscle preparation, frog, 308, 179
neurotransmitter, substance P, baroreceptor neurones, neuromodulator; cats, rats, 314, 111
neurotransmitter, substance P, desensitization, peptidergic nerves; ileum, guinea-pig, 306, 195
neurotransmitter pools, dopamine; synaptosomes, striatum, rats, 308, 41
neurotransmitters, fenfluramine, glutamic acid decarboxylase, GABA; synaptosomes, rats, 309, 7
neurotransmitters, kainic acid, serotoninergic receptors; wet dog shakes, rats, 314, 37
neurotransmitters, pentobarbital, diazepam, aminoacids; blood, rats, 317, 165
neurotransmitters, tetanus toxin, botulinum toxin; CNS, rats, 316, 244
N-hydroxyphenacetin, phenacetin metabolism, phenetidine, hepatotoxicity; hepatocytes, rats, 305, 173
nicotinamide adenine dinucleotide, cAMP, lipolysis, adenylcyclase; fat cells, 306, 179
2-nicotinamidethyl nitrate, methacholine, membrane potential; atrium, dog, 312, 69
nicotine, acetylcholine, norepinephrine, cyclic nucleotides, cardiostimulatory effect; heart, guinea-pig, 310, 97
nicotine, histamine, tyramine, chlorpheniramine, serotonine, noradrenaline; pulmonary artery, rabbit, 304, 237
nicotine, prostaglandins, arachidonic acid, muscarinic receptors; ear, rabbit, 317, 345
nicotine receptors, noradrenaline, sympathetic nerve stimulation; heart, rats, 318, 301
nicotinic acetylcholine receptors, toxiferine, motor endplate, drug binding sites; diaphragma, mice, 306, 17

nicotinic acid, adenylate cyclase, prostaglandins, alpha-adrenargic agonists; adipocytes, hamster, 312, 167
nicotinic acid, antilipolytic agents, adenylate cyclase; adipocytes, golden hamster, 318, 241
nicotinic agonists, ion channels, endplate currents, acetylcholine receptors; neuromucular junction, frog, 312, 117
nicotinic receptors, sodium, cholinomimetics, tyrosine hydroxylase; cervical ganglion, rats, 313, 199
nictindole, indomethacin, acetylsalicylic acid, platelet aggregation; cat, rabbit, 302, 25
nifedipin, verapamil, calcium; automaticity, heart, dog, 302, 235
nifedipine, atrioventricular junction, verapamil, pacemaker; heart, dog, 315, 241
nifedipine, calcium antagonists, thromboxane A2, coronary spasm; coronary artery, cat, 318, 249
nifedipine, 1,4-dihydropyridines, calcium antagonists, stereospezifity; rabbit, guinea-pig, 317, 183
nifedipine, pacemaker action potential, verapamil, slow channel inhibitors; AV-node, rabbit, 316, 178
nifedipine derivatives, inotropic effect, structure-activity relationship; heart, cat, 310, 69
nigrostriatal feedback system, reserpine, haloperidol, anti-nociceptive effect; tail-flick response, rats, 306, 97
nitrates, nitrites, gastric circulation, gastric secretion; stomach, rats, 309, 69
nitrites, nitrates, gastric circulation, gastric secretion; stomach, rats, 309, 69
nitrofurantoin, induction, ethanol; liver, rats, 315, 167
nitroglycerin, cGMP, sodium nitroprusside, sodium nitrite, adenosine nitrate, relaxation; bovine coronary arteries, 310, 129
nitroglycerin, molsidomine; intracranial pressure, dog, 320, 201
nitroglycerin, molsidomine, isosorbide dinitrate, oxygen consumption; circulation, dog, 317, 71
nitroimipramine, serotonin, imipramine, antidepressants; human platelets, 320, 45
N-methyl-N'-nitrosoguanide, guanylate cyclase, sodium nitroprusside, phospholipases, fatty acids; adrenal cortex, 304, 51
nociception, capsaicin, substance P; rats, mice, 320, 205
nociception, indolalkylamines, 6-hydroxy-tetrahydroharmane, hypothermia, behaviour; man, rats, 310, 35
nociception, substance P, naloxone; tail flick, rats, 317, 135
nociception, visceral pain, morphine, caerulein, naloxone; renal pelvis, rats, 319, 161
nociceptive activity, substance P, naloxone; rats, 319, 154
nociceptive threshold, capsaicin, morphine, sensory neurones; tail withdrawal test, rats, 311, 285
nociceptors, capsaicin, bradykinin, prostaglandinE; ear, rabbit, 312, 139
nomifensine, antidepressants, acetylcholine turnover, apomorphine; brain, rats, 304, 263
nomifensine, dopamine, dopaminergic neurones, presynaptic receptors; nucleus caudatus, rabbit, 306, 275
non-adrenergic transmission, ATP, non-cholinergic transmission; small intestine, guinea-pig, 319, 108
non-adrenergic transmission, non-cholinergic transmission, calcium, prostaglandins; small intestine, guinea-pig, 319, 115
non-benzodiazepine drugs, benzodiazepin receptor, methaqualone, anxiolytic effect, anticonvulsive effect; synaptosomes, rats, 305, 23
non-cholinergic transmission, ATP, non-adrenergic transmission; small intestine, guinea-pig, 319, 108
non-cholinergic transmission, non-adrenergic transmission, calcium, prostaglandins; small intestine, guinea-pig, 319, 115
noradrenaline; aorta, rabbit, 302, 207
noradrenaline; atrium, guinea-pig, 317, 193
noradrenaline; heart, rabbit, 319, 125
noradrenaline, acetylcholine, muscarinic receptor, physostigmine; atrium, rabbit, 320, 160
noradrenaline, acetylcholine, tetrodotoxin, pelviureteral smooth muscle; man, guinea-pig, rabbit, pelviureteral smooth muscle, 302, 293
noradrenaline, adrenaline, blood vessels; electrical stimulation, saphenous vein, dog, 311, 1
noradrenaline, adrenaline, neuronal uptake, extraneuronal uptake, O-methylation, catecholamines; saphenous vein, dog, 303, 221
noradrenaline, adrenoceptors, lobotomy; cerebral cortex, rats, 316, 42
noradrenaline, adrenoceptors, neuronal uptake; heart, guinea-pig, 317, 302
noradrenaline, alpha-adrenoceptors; saphenous vein, dog, 314, 249
noradrenaline, alpha-adrenoceptors; brain cortex, rabbit, 319, 71
noradrenaline, alpha-adrenoceptors, opiate receptors, calcium, enkephalin; brain, rats, 307, 21
noradrenaline, alpha-methyldopa, FLA 136, alpha-autoreceptors; rats, 306, 263
noradrenaline, amezinium, monoamine oxidase; heart, artery, rabbit, 314, 1
noradrenaline, 6-aminonicotinamide, dopamine, DOPA, dopaminergic transmission; brain, rats, 304, 317
noradrenaline, antidepressants, 5-hydroxytryptamine; brain cortex, rats, 319, 66
noradrenaline, calcium, magnesium, noradrenergic neurons; brain, rats, 307, 29
noradrenaline, circadian rhythm, adrenoceptor antagonists, phentolamine, chlorisondamine; heart, rats, 313, 205
noradrenaline, clonidine, alpha-adrenoceptors, cocaine, phentolamine; atria, guinea-pig, 304, 215
noradrenaline, clonidine, alpha-adrenoceptors, WB 4101 binding, withdrawal syndrome; rats, 320, 115
noradrenaline, clonidine, dopamine; brain, rats, 319, 40
noradrenaline, clonidine, phenylephrine, alpha-adrenoceptors; cortical neurones, rats, 320, 230
noradrenaline, cocaine, sorbitol, neuronal uptake; heart, rabbit, 302, 263
noradrenaline, compartmental analysis, catechol-O-methyl-transferase, monoamineoxidase; heart, rats, 308, 199
noradrenaline, competitive antagonism, inotropic effect, propranolol, isoprenaline; model, guinea-pig, 316, 96
noradrenaline, convulsions, noradrenergic neurotransmission; brain, quaking mice, 320, 26
noradrenaline, cyclic nucleotides, nerve-muscle transmission, phosphodiesterase inhibitors; vas deferens, guinea-pig, 308, 99
noradrenaline, desipramine, synaptosomes, 5-hydroxytryptamine, alpha-adrenoceptors; brain, rats, 318, 173
noradrenaline, dopamine, isoprenaline, adrenoceptors, neuronal uptake; tracheal muscle, guinea-pig, 315, 15
noradrenaline, dopamine receptors, alpha-adrenoceptors; vas deferens, rats, 318, 202
noradrenaline, dopamine-beta-hydroxylase, transmyocardial fluid, potassium; heart, rabbit, 315, 139
noradrenaline, exocytosis, calcium, tetraethylammonium; heart, guinea-pig, 316, 273
noradrenaline, 6-fluoronoradrenaline, adrenoceptors, neuronal uptake; rats, rabbit, 317, 1
noradrenaline, GABA, tyramine; rats, cat, 306, 161
noradrenaline, histamine, adrenergic mechanism; cerebral arteries, cat, 312, 239
noradrenaline, 6-hydroxydopamine, GABA, supersensitivity; cerebellar purkinje cells, rats, 315, 37
noradrenaline, 5-hydroxytryptamine, alpha-adrenoceptors, serotoninergic neurones; brain cortex, rats, 313, 21
noradrenaline, 5-hydroxytryptamine, sympathetic nerves, indolethylamines, chronotropic effect, presynaptic receptors; heart, rabbit, 308, 9
noradrenaline, ion permeability, alpha-adrenoceptors, 4-aminopyridine; brain, rats, 317, 103
noradrenaline, labetalol, alpha-adrenoceptor antagonist; anococcygeus muscle, 305, 103
noradrenaline, latrodectus mactans-venom, calcium; hypothalamus, rats, 313, 27

noradrenaline, monoamine oxidase, catechol-O-methyl-transferase; hypothalamus, mice, 302, 337
noradrenaline, monoamine oxidase, catechol-O-methyl-transferase, extraneuronal uptake; heart, rats, 303, 37
noradrenaline, monoamine oxidase, catechol-O-methyl-transferase, pargyline; aorta, rats, 302, 181
noradrenaline, morphine, antinociception, dopamine, 6-hydroxydopa, 6-hydroxydopamine; mice, rats, 305, 227
noradrenaline, morphine, potassium; brain, rats, 313, 135
noradrenaline, muscarine receptor, N-methylatropine, pirenzepine; heart, rats, 318, 210
noradrenaline, muscle geometry, drug; heart, guinea-pig, 303, 1
noradrenaline, nerve degeneration, sympathectomy, bretylium, pargyline; pineal gland, rats, 319, 136
noradrenaline, neuroleptics, alpha-adrenoceptors; cerebral cortex, rats, 315, 103
noradrenaline, neuronal metabolism, extraneuronal metabolism; heart, cat, rabbit, 318, 71
noradrenaline, neuronal uptake, extraneuronal uptake, noradrenaline metabolism; heart, rats, 303, 21
noradrenaline, neuronal uptake, membrane transport, sodium, kinetic analysis; vas deferens, rats, 309, 99
noradrenaline, nicotine, histamine, tyramine, chlorpheniramine, serotonine; pulmonary artery, rabbit, 304, 237
noradrenaline, oxymetazoline, phentolamine, yohimbine, alpha-adrenoceptors; synaptosomes, rats, 303, 193
noradrenaline, presynaptic receptors, potassium, phentolamine, alpha-adrenoceptors; submaxillary gland, rats, 304, 21
noradrenaline, prostaglandin E2, alpha-adrenoceptors; splenic pulpa, rabbit, 316, 1
noradrenaline, serotonin, alpha-adrenoceptors, guanethidine, 6-hydroxydopamine; brain cortex, rats, 320, 38
noradrenaline, sodium; heart, rats, 302, 255
noradrenaline, sodium, monovalent cations, neuronal uptake, membrane transport; vas deferens, rats, 309, 89
noradrenaline, stereoselectivity, monoamine oxidase, catechol-O-methyl-transferase; aorta, rabbit, 302, 195
noradrenaline, sympathetic nerve stimulation, nicotine receptors; heart, rats, 318, 301
noradrenaline, sympathetic transmission, clonidine, alpha-adrenoceptor agonists; heart, rats, 309, 225
noradrenaline, tetanus toxin, botulinum toxin, gangliosides; brain, rats, 318, 105
noradrenaline, thermoregulation, dopamine, FLA-63, adrenoceptors, noradrenoceptors; sheep, 303, 263
noradrenaline, tityus toxin, scorpion venom; rats, cat, 303, 243
noradrenaline, tyramine; saphenous vein, dog, 305, 37
noradrenaline, tyramine; kinetic analysis, dog, 318, 83
noradrenaline, tyramine, oxidative deamination; electrical stimulation, saphenous vein, dog, 311, 9
noradrenaline, verapamil, prenylamine, D 600, stimulus-release coupling, calcium; heart, rabbit, 310, 11
noradrenaline metabolism, noradrenaline, neuronal uptake, extraneuronal uptake; heart, rats, 303, 21
noradrenaline release, dopamine receptor antagonists, dopamine, alpha-adrenoceptors; heart, rabbit 305, 109
noradrenaline uptake, Mianserin metabolites, alpha-adrenoceptors; brain, rats, 319, 48
noradrenaline-reuptake inhibitors, alpha-adrenoceptors, catecholamine-liberating agents; convulsions, quaking mice, 318, 94
noradrenergic inhibitory nerves, apamin, smooth muscle relaxants, ATP; caecum, guinea-pig, 311, 10
noradrenergic neurones, imipramine, serotoninergic neurones; brain, rats, 317, 310
noradrenergic neurones, neuronal firing rate, beta-adrenoceptors; locus coeruleus, rats, 317, 26
noradrenergic neurons, noradrenalin calcium, magnesium; brain, rats, 307, 29
noradrenergic neurotransmission, alpha-adrenoceptors, alpha-blockers; rats, 311, 129
noradrenergic neurotransmission, convulsions, noradrenaline; brain, quaking mice, 320, 26
noradrenergic system, quipazine, serotoninergic system, alpha-adrenoceptors, serotonin receptors; brain, rats, 317, 204
noradrenoceptors, thermoregulation, dopamine, noradrenaline, FLA-63, adrenoceptors; sheep, 303, 263
norepinephrine, acetylcholine, nicotine, cyclic nucleotides, cardiostimulatory effect; heart, guinea-pig, 310, 97
norepinephrine, alpha-adrenoceptors, beta-adrenoceptors; hippocampus, rats, 318, 259
norepinephrine receptors, beta-phenethylamines, cAMP, adenylcyclase; limbic forebrain, rats, 303, 175
normethanephrine, isoprenaline, O-methylation, corticosteroids, phenoxybenzamine; submaxillary gland, rats, 305, 51
nucleosides, adenosine receptors, adenylate cyclase; rat liver plasma membranes, 319, 34
nucleosides, muscle relaxation, neuromuscular junction, reflexes; spinal cord, mice, 316, 64
nucleosides, neuromuscular junction; mice, guinea-pig, 319, 130
5-nucleotidase, adenosine receptors, adenine nucleotide receptors, cAMP; cell lines, 315, 5

O

O-methylating system, catecholamines, catechol-O-methyltransferase; mathematical model, heart, rats, 311, 17
O-methylation, isoprenaline, corticosteroids, normethanephrine, phenoxybenzamine; submaxillary gland, rats, 305, 51
O-methylation, noradrenaline, adrenaline, neuronal uptake, extraneuronal uptake, catecholamines; saphenous vein, dog, 303, 221
opiate receptor subtypes, agonists-antagonists, narcotic analgesic drugs; ileum, vas deferens, 319, 197
opiate receptors, adrenoceptor agonists, adrenoceptor antagonists, clonidine, morphine; ileum, guinea-pig, 314, 83
opiate receptors, alpha-adrenoceptors, calcium, enkephalin, noradrenaline; brain, rats, 307, 21
opiate receptors, baroreceptor, opiates, naloxone; blood pressure, rabbit, 319, 206
opiate receptors, calcium; brain, rats, 319, 147
opiate receptors, capsaicin, pain fibres, diprenorphine; spinal cord, rats, 308, 281
opiate receptors, circling behaviour, GABA receptors; nigro-striatal lesioned rats, 319, 43
opiate receptors, constipation, morphine, naloxone, loperamide; rats, mice, guinea-pig, 308, 255
opiate receptors, endorphins, hyperthermia; body temperature, rats, 309, 137
opiate receptors, enkephalin analogues, monoamine synthesis; brain, rats, 310, 211
opiate receptors, Fentanyl, electroencephalogram, naloxone; cisterna magna, dog, 307, 123
opiate receptors, methadone, 5-hydroxytryptamine, naloxone, tyrosine; brain, rats, 307, 51
opiate receptors, morphine, enkephalin, naloxone; iris, rabbit, 315, 1
opiate receptors, naloxone, opioids, endophinergic system; myenteric plexus, guinea-pig, 306, 93
opiate receptors, opiate tolerance-dependence, guanine nucleotide; vas deferens, mice, 319, 142
opiate receptors, opiates, spontaneous activity; nigral neurones, rats, 316, 149
opiate receptors, potassium; vas deferens, mice, 315, 181
opiate receptors, tilidine, physical dependence, analgesia; rats, guinea-pig, 304, 89
opiate tolerance-dependence, guanine nucleotide, opiate receptors; vas deferens, mice, 319, 142
opiate withdrawal, intestinal peristalsis, naloxone; ileum, guinea-pig, 314, 191
opiate-like compounds, morphine, methionine-enkephalin, naltrexone; vas deferens, mice, 305, 5

opiates, intestinal secretion, antidiarrhoeal action, bisacodyl, osmotic laxatives; intestine, rats, 306, 113
opiates, opiate receptors, baroreceptor, naloxone; blood pressure, rabbit, 319, 206
opiates, prostaglandins, cAMP, enkephalin; corpus striatum, rats, 302, 103
opiates, spontaneous activity, opiate receptors; nigral neurones, rats, 316, 149
opioid analgesics, morphine, haloperidol, caudate nucleus, anti-nociceptive effect; tail-flick response, rats, 309, 145
opioid dependence, enkephalins, tolerance, naloxone; striatum, rats, 313, 145
opioid mechanism, morphine, codeine, cross tolerance, methadone; tolerant mice, 320, 50
opioid receptors, opioids, muscular rigidity, electromyogram; striatum, rats, 317, 321
opioids, naloxone, opiate receptors, endophinergic system; myenteric plexus, guinea-pig, 306, 93
opioids, opioid receptors, muscular rigidity, electromyogram; striatum, rats, 317, 321
opioids, peristalsis, naloxone; small intestine, guinea-pig, 309, 153
opioids, rigidity, catatonia; striatum, rats, 313, 139
organic ion transport, lipid bilayers, barbiturates; liposomes, 319, 185
organic ions, lipid bilayers, membrane transport; liposomes, 316, 266
organomegaly, suramin, mucopolysaccharides, lysosomal storage disorders; rats, 319, 262
ornithine decarboxylase, difluoromethylornithine, antitumoral activity; mammary tumours, rats, 320, 72
osmotic laxatives, bisacodyl, phenolphthalein, water net flux, prostaglandin E; gut, rats, 305, 241
osmotic laxatives, intestinal secretion, opiates, antidiarrhoeal action, bisacodyl; intestine, rats, 306, 113
ouabain, ARL-115, calcium; bovine adrenal medulla, cat atria, 320, 255
ouabain, cardiac glycosides, potassium, ATPase; enzyme preparations, 304, 157
ouabain, N-ethylmaleimide, ATPase, inotropic effect; heart, guinea-pig, 303, 197
ouabain, neuro-muscular junction, transmitter, adenosine; nerve-muscle preparation, frog, 308, 273
ouabain, palytoxin, ATPase, permeability, surface activity; erythrocytes, 319, 101
ouabain, sodium fluoroacetate, inotropic effect, ceveratrum alkaloids, tetrodotoxin; heart, guinea-pig, 303, 7
ouabain, sodium-potassium exchange, vascular muscle; aorta, guinea-pig, 304, 203
ouabain, specific tissue binding; purkinje fibre, ventricular muscle, dog, 318, 344
oubain, 2,4-dinitrophenole, verapamil, sodium, depolarisation; taenia coli, guinea-pig, 312, 199
oxalate, micropuncture, microperfusion, probenicid; kidney, rats, 304, 277
oxidative deamination, tyramine, noradrenaline; electrical stimulation, saphenous vein, dog, 311, 9
oxotremorine, acetylcholine, calcium, morphine; myenteric plexus, guinea-pig, 311, 119
oxotremorine, physostigmine, muscarinic mechanism; hypertensive rats, 306, 81
oxyfedrine, inotropic effect, isoprenaline, theophylline, beta-adrenoceptors; heart, guinea-pig, 309, 109
oxygen consumption, molsidomine, nitroglycerin, isosorbide dinitrate; circulation, dog, 317, 71
oxymetazoline, gastric secretion, alpha-adrenoceptor agonists, clonidine; pylorus-ligated rats, 320, 170
oxymetazoline, noradrenaline, phentolamine, yohimbine, alpha-adrenoceptors; synaptosomes, rats, 303, 193
ozolinone, diuretic drugs, chloride secretion, stereospecific action; colon, rabbit, 318, 363
ozolinone, diuretics, etazoline, clearance; kidney, rats, 304, 289
ozolinone, etozoline, diuretics, furosemide, glomerular filtration; kidney, dog, 304, 283

P

pacemaker, alinidine, bradycardia; chicken, guinea-pig, 316, 172
pacemaker, atrioventricular junction, verapamil, nifedipine; heart, dog, 315, 241
pacemaker, purkinje fibres, beta-adrenoceptors, penbutolol, sympathomimetic drugs; sheep, 307, 9
pacemaker action potential, verapamil, nifedipine, slow channel inhibitors; AV-node, rabbit, 316, 178
pacemaker activity, adenosine, purine receptors; heart, guinea-pig, 311, 147
pacemaker activity, adrenoceptors, chronotropism, adenylate cyclase, cAMP; cardiocytes, rats, chicken, 320, 119
pain fibres, opiate receptors, capsaicin, diprenorphine; spinal cord, rats, 308, 281
pain fibres, substance P, antidromic vasodilatation, neurogenic plasma extravasation, histamine, mast cells; rats, 310, 175
palytoxin, ATPase, ouabain, permeability, surface activity; erythrocytes, 319, 101
papaverine, cAMP, cGMP, carbachol, inotropic effect; heart, dog, 306, 241
papaverine, microcirculation; brain cortex, cat, 305, 149
papaverine, resting potential, potassium, inotropic effect; atrium, guinea-pig, 312, 183
para-chloromercuriphenylsulfonic acid, ATPase, cardiac glycosides; heart guinea-pig, 318, 121
para-chloro-N-methylamphetamine, 5-hydroxytryptamine, tetrahydronorharmane, 5-hydroxyindoleacetic acid; rats, 303, 229
para-chlorphenylalanine, para-methoxyamphetamine, 2,5-dimethoxyamphetamine, serotonergic mechanism, methysergide; suprahyoidale muscle, rats, 304, 101
paramethasone, complement peptides, evans blue, leukocytes, colchicine, indomethacine; vascular permeability, chemotaxis, guinea-pig, 302, 45
para-methoxyamphetamine, 2,5-dimethoxyamphetamine, serotonergic mechanism, methysergide, para-chlorphenylalanine; suprahyoidale muscle, rats, 304, 101
paraoxon, muscarinic receptors; haemodynamics, cat, 317, 168
paraquat, lipid peroxidation, ethane, toxicity; oxygen breathing, rats, 310, 241
parasympathetic tone, clonidine, CNS-amines, postsynaptic receptors; pupil, cat, 307, 45
parathyroid gland, beta-adrenoceptors, alprenolol; man, 313, 195
pargyline, antidepressants, alpha-adrenoceptors, clonidine; brain, rats, 320, 90
pargyline, nerve degeneration, sympathectomy, noradrenaline, bretylium; pineal gland, rats, 319, 136
pargyline, noradrenaline, monoamine oxidase, catechol-O-methyl-transferase; aorta, rats, 302, 181
parkinsons disease, U-0521, catechol-O-methyltransferase, DOPA; striatum, rats, 320, 34
p-chlorophenyl-alanine, serotonine receptor, motor activity; rats, 305, 143
pelviureteral smooth muscle, acetylcholine, noradrenaline, tetrodotoxin; man, guinea-pig, rabbit, pelviureteral smooth muscle, 302, 293
penbutolol, pacemaker, purkinje fibres, beta-adrenoceptors, sympathomimetic drugs; sheep, 307, 9
pentobarbital, acetylcholine, tetracaine, 4-aminopyridine; heart, 312, 7
pentobarbital, diazepam, aminoacids, neurotransmitters; blood, rats, 317, 165
pepsin, gastric secretion, ethanol, atropine, cimetidine; stomach, rat, 304, 63
peptidergic nerves, substance P, desensitization, neurotransmitter; ileum, guinea-pig, 306, 195
peptidergic nerves, substance P, myenteric plexus; intestine, guinea-pig, 307, 57
perazine, antidepressants, cholesterol, lipoproteins; protein binding, man, 308, 1
perhexiline, sphingomyelinase, phospholipids; human fibroblast cultures, 317, 173
peristalsis, naloxone, opioids; small intestine, guinea-pig, 309, 153

peristaltic reflex, neuropeptides, 5-hydroxytryptamine; intestine, guinea-pig, 307, 257
permeability, cholera toxin, deoxycholate; colon, rats, 312, 91
permeability, palytoxin, ATPase, ouabain, surface activity; erythrocytes, 319, 101
permeability, pseudomonas aeruginosa cytotoxin, lipid bilayers; ehrlich ascites cells, mice, 320, 78
phalloidin, bile acids; hepatoma cells, rats, 303, 299
phalloidin, cholecystographic agents, bile acids; hepatocytes, rats, 313, 85
phalloidin, contractile proteins; hepatocytes, hepatoma cells, rats, 305, 253
phalloidin, cytochalasins, exocytosis; mast cells, rats, 302, 153
phalloidin, hepatocytes, carbon tetrachloride, actin, bile acids; baby rats, 306, 295
phalloidin, microcystis aeruginosa toxin, hepatotoxin; hepatocytes, rats, 317, 268
phalloidin, phalloin, demethylphalloin; hepatocytes, rats, 311, 91
phalloidin, taurodehydrocholic acid, cholate, plasma membranes; hepatocytes, hepatoma cells, 319, 254
phalloidin antagonists, phallotoxins; hepatocytes, baby rats, 307, 275
phalloin, phalloidin, demethylphalloin; hepatocytes, rats, 311, 91
phallolysin, rubescenslysin, fasciculareIysin; mast cells, rats, 315, 163
phallotoxin, tolerance; cholestatic rats, 316, 257
phallotoxins, bile acids; hepatocytes, rats, 319, 249
phallotoxins, bile acids; gut, guinea-pig, 320, 196
phallotoxins, bile acids, diethylnitrosamine; hepatocytes, rats, 310, 245
phallotoxins, demethylphalloin, bile acids, carrier-mediated transport; hepatocytes, rats, 316, 345
phallotoxins, ligandin, protein binding; hepatocytes, rats, 317, 364
phallotoxins, phalloidin antagonists; hepatocytes, baby rats, 307, 275
phallotoxins, tolerance, resistance; liver, rats, 307, 283
pharmacokinetics, beta-adrenoceptors; dog, 316, 19
pharmacokinetics, cannabinoids, phenytoin; anticonvulsant studies, mice, 320, 105
pharmacokinetics, dihydrodigitoxin, digitoxin; cat, 310, 147
pharmacokinetics, imipramine; rats, 317, 209
pharmacokinetics, propranolol, protein binding; hypertensive rats, 309, 19
pharmacokinetics, sodium nitroprusside, interstitium, drug metabolism, microcirculation; vascular bed, rats, 320, 260
pharmakokinetics, diazepam, age, body composition; brain, rats, 307, 167
phenacetin metabolism, N-hydroxyphenacetin, phenetidine, hepatotoxicity; hepatocytes, rats, 305, 173
1,10-phenanthroline, substance P, teprotide; radioimmuno-assay, 307, 251
phenazone, biotransformation, 4,4-dihydroxyphenazone; four species, 309, 203
phencyclidine derivatives, rotarod behaviour; purkinje neurones, mice, 315, 203
phenetidine, phenacetin metabolism, N-hydroxyphenacetin, hepatotoxicity; hepatocytes, rats, 305, 173
phenobarbital, biliary lipids, clofibrate, cholesterol; bile, rats, 308, 171
phenolic compounds, flavonoids, prostaglandin synthetase; renal medulla, rats, 307, 73
phenolphthalein, bisacodyl, osmotic laxatives, water net flux, prostaglandin E; gut, rats, 305, 241
phenoxybenzamine, alpha-adrenoceptors, prazosin, rauwolscine; aorta, rabbit, 317, 5
phenoxybenzamine, alpha-adrenoceptors, yohimbine, corynanthine, prazosin, propranolol; blood pressure, dog, 314, 149
phenoxybenzamine, alpha-methyldopa, yohimbine; pupil, cat, 314, 1, 135
phenoxybenzamine, dopamine-beta-hydroxylase, clorisondamine, guanethidine, exocytosis; sympathectomy, rats, 304, 231
phenoxybenzamine, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl)-2-b, prazosin, alpha-adrenoceptors, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl; blood pressure, rats, 302, 299
phenoxybenzamine, haloperidol, yohimbine, phentolamine, alpha-adrenoceptors; locomotor activity, mice, 303, 153
phenoxybenzamine, isoprenaline, O-methylation, corticosteroids, normethanephrine; submaxillary gland, rats, 305, 51
phentolamine, alprenolol, prenylamine, action potential, sodium system; heart, guinea-pig, 304, 191
phentolamine, circadian rhythm, adrenoceptor antagonists, noradrenaline, chlorisondamine; heart, rats, 313, 205
phentolamine, clonidine, alpha-adrenoceptors, noradrenaline, cocaine; atria, guinea-pig, 304, 215
phentolamine, extraneuronal uptake, isoprenaline; trachea, guinea-pig, 320, 221
phentolamine, haloperidol, phenoxybenzamine, yohimbine, alpha-adrenoceptors; locomotor activity, mice, 303, 153
phentolamine, myenteric plexus, yohimbine, tolazoline, alpha-adrenoceptors; ileum, guinea-pig, 309, 255
phentolamine, noradrenaline, oxymetazoline, yohimbine, alpha-adrenoceptors; synaptosomes, rats, 303, 193
phentolamine, phenylephrine, cAMP, propranolol, inotropic effect, alpha-adrenoceptors; heart, cat, 303, 205
phentolamine, presynaptic receptors, noradrenaline, potassium, alpha-adrenoceptors; submaxillary gland, rats, 304, 21
phentolamine, thermoregulation, pimozide, biperiden; hypothalamus, rats, 318, 43
phenylalanine, intestinal absorption, butanol, antipyrine, urea, salicylic acid; jejunum, rats, 304, 175
phenylephrine, alpha-adrenoceptors, inotropic effect; heart, monkey, 318, 370
phenylephrine, alpha-adrenoceptors, positive inotropic effects; heart, man, 302, 333
phenylephrine, cAMP, propranolol, phentolamine, inotropic effect, alpha-adrenoceptors; heart, cat, 303, 205
phenylephrine, clonidine, noradrenaline, alpha-adrenoceptors; cortical neurones, rats, 320, 230
phenylephrine, extraneuronal uptake, extraneuronal metabolism; heart, rats, 314, 237
phenylephrine, inotropic effect, chronotropic effect, isoproterenol, adrenaline, adrenoceptors; heart, rabbit, 318, 336
phenylephrine, tramazoline, alpha-adrenoceptors, sympathetic neurotransmission; vasculature, rabbit, 304, 223
phenylethanolamineN-methyltransferase, catecholamines, tyrosine hydroxylase; adrenal gland, rats, 319, 22
phenylethanolamineN-methyltransferase, SK-F 64139, lungenzymes; mammalian lungs, 313, 263
phenylethanolamine-N-methyltransferase, hypertension, dopamine beta-hydroxylase; spontaneously hypertensive rats, 305, 127
N6-phenylisopropyladenosine, adenosine receptors, methylxanthines; brain, rats, 313, 179
phenytoin, anticonvulsants, calcium, methotrexate; mice, 315, 63
phenytoin, cannabinoids, pharmacokinetics; anticonvulsant studies, mice, 320, 105
phloretin, prostaglandin-antagonists, prostaglandin E1, cAMP; cell cultures, 305, 233
phosphatase, vanadium, ATP, isoproterenol; kidney, man, 307, 191
phosphatidyl serine, Substance P, phospholipids; brain, 303, 79
phosphodiesterase, cAMP, adenylate cyclase; cortex, hypothalamus, rats, 302, 341
phosphodiesterase, cGMP, acetylcholine; bovine coronary smooth muscle, 319, 29
phosphodiesterase, cyclic nucleotide benzyl triesters, inotropic effect; heart, guinea-pig, 310, 103

phosphodiesterase inhibitor, amrinone, inotropic effect, cAMP; heart, guinea-pig, 318, 112
phosphodiesterase inhibitor, prostacyclin, cAMP, arterial wall; coronary arteries, cattle, 308, 107
phosphodiesterase inhibitors, calcium, cAMP, catecholamines, cGMP; brain, rats, 302, 141
phosphodiesterase inhibitors, cyclic nucleotides, nerve-muscle transmission, noradrenaline; vas deferens, guinea-pig, 308, 99
phosphodiesterase inhibitors, gastric secretion, cimetidine, cAMP; rats, guinea-pig, 304, 69
phosphodiesterase-inhibitors, isoprenaline; heart, guinea-pig, 302, 77
phosphodiesterases, cyclic nucleotides; assay, 311, 193
phosphofructokinase, energy metabolism, thiopental, electroencephalogram, hexokinase; brain, rats, 318, 56
phospholipase, prostaglandin, calcium, A 23187; rabbit, 307, 243, spleen
phospholipase A2, prostaglandin, bradykinin, A23187, calcium; ear, rabbit, 307, 177
phospholipases, guanylate cyclase, sodium nitroprusside, N-methyl-N'-nitrosoguanide, fatty acids; adrenal cortex, 304, 51
phospholipids, perhexiline, sphingomyelinase; human fibroblast cultures, 317, 173
phospholipids, substance P, binding sites; brain, rabbit, 314, 211
phospholipids, Substance P, phosphatidyl serine; brain, 303, 79
phospholipids, substance P, physalaemin; partition, 306, 189
phosphoryl group transfering enzyme, ATPase; bovine adrenal medulla, 309, 45
phthalazinol, vasodilatation; smooth muscle cells, pig, guinea-pig, 311, 159
p-hydroxyamphetamine, amphetamine, cAMP-generating system, p-hydroxynorephedrine-stereoisomers, adenylcyclase system; brain, rats, 306, 267
p-hydroxynorephedrine-stereoisomers, amphetamine, p-hydroxyamphetamine, cAMP-generating system, adenylcyclase system; brain, rats, 306, 267
phyllomedusa sauvagii, sauvagine, blood pressure, antidiuresis; rats, 312, 265
phylloquinone, antiinflammation, warfarin, anticoagulants; paw, rats, 307, 185
physalaemin, kassinin, tachykinins; bioassay, 311, 61
physalaemin, substance P, phospholipids; partition, 306, 189
physical dependence, tilidine, opiate receptors, analgesia; rats, guinea-pig, 304, 89
physostigmine, acetylcholine, noradrenaline, muscarinic receptor; atrium, rabbit, 320, 160
physostigmine, atropine, acetylcholine, choline, cholinesterase inhibitor; brain, mice, 308, 61
physostigmine, oxotremorine, muscarinic mechanism; hypertensive rats, 306, 81
pigment cells, isoprenaline, extraneuronal uptake, O-methylation; iris, rabbit, 318, 158
pilocarpine, agonist binding; cerebral cortex, rats, 317, 126
pilocarpine, prolactin, endorphin, catecholaminergic neurons; pituitary, rats, 308, 249
pimozide, evoked potentials, haloperidol, chlorpromazine, thioridazine; striatum, 303, 165
pimozide, thermoregulation, phentolamine, biperiden; hypothalamus, rats, 318, 43
pinane thromboxane A2, imidazole, platelet aggregation; arteries, cat, rabbit, 318, 130
piracetam, dopaminergic transmission, haloperidol; striatum, rats, 318, 36
pirenzepine, muscarine receptor, noradrenaline, N-methylatropine; heart, rats, 318, 210
plasma extravasation, substance P, capsaicin, chemosensitivity; rats, 316, 240
plasma extravasation, substance P, histamine, mast cells, vasodilatation; rats, 317, 67
plasma membranes, phalloidin, taurodehydrocholic acid, cholate; hepatocytes, hepatoma cells, 319, 254
platelet aggregation, adenylate cyclase, alpha-adrenoceptors, beta-adrenoceptors, receptors, beta-blockers; man, 302, 285
platelet aggregation, adenylcyclase, alpha-adrenergic agonists, catecholamines; platelets, man, 306, 119
platelet aggregation, carbacyclin derivative, prostacyclin, vessel tone, blood pressure; 316, 252
platelet aggregation, indomethacin, acetylsalicylic acid, nictindole; cat, rabbit, 302, 25
platelet aggregation, pinane thromboxane A2, imidazole; arteries, cat, rabbit, 318, 130
platelets, prostacyclin, de-aggregation, pulmonary endothelium; 304, 45
polypeptide toxins, sea anemone toxin, sodium channel, surface activity; diaphragma, mice, 309, 165
polypeptides, shape change reaction, myelin basic protein, depolarisation, multiple sclerosis; platelets, 310, 87
positive inotropic effects, phenylephrine, alpha-adrenoceptors; heart, man, 302, 333
postassium current, calcium channels, AQA-39; heart, rabbit, 317, 228
postjunctional effects, adrenoceptor agonists, adrenoceptor antagonists, prejunctional effects; anococcygeus muscle, rats, 312, 107
postjunctional supersensitivity, amylase, sympathectomy, adrenoceptors; parotid gland, rats, 308, 217
postjunctional supersensitivity, salivary secretion, adrenoceptors, sympathectomy; parotid gland, rats, 308, 211
postsynaptic alpha-receptors, subclassifikation; pithed rats, 310, 189
postsynaptic effects, acetylcholine, presynaptic effects, muscarinic agonists; ileum, guinea-pig, 314, 259
postsynaptic receptors, clonidine, CNS-amines, parasympathetic tone; pupil, cat, 307, 45
postsynaptic receptors, presynaptic receptors, dopamine receptors; rats, 312, 145
potassium, apomorphine, haloperidol, tetrodotoxin, dopamine receptors; caudate nucleus, rats, 314, 129
potassium, autonomic receptors, cAMP; sublingual gland, rats, 318, 313
potassium, cardiac glycosides, ouabain, ATPase; enzyme preparations, 304, 157
potassium, dopamine-beta-hydroxylase, transmyocardial fluid, noradrenaline; heart, rabbit, 315, 139
potassium, morphine, noradrenaline; brain, rats, 313, 135
potassium, opiate receptors; vas deferens, mice, 315, 181
potassium, papaverine, resting potential, inotropic effect; atrium, guinea-pig, 312, 183
potassium, presynaptic receptors, noradrenaline, phentolamine, alpha-adrenoceptors; submaxillary gland, rats, 304, 21
potassium current, AQA-39, action potential, calcium channels, antimuscarinic effect; sinoatrial node, rabbit, 317, 233
potentials, beta-adrenoceptor blockers, local anesthetics; artificial membranes, 310, 195
praziquantel, antischistosomal drugs, membrane transport, benzodiazepines; schistosomes, 304, 309
prazosin, adrenoceptors, clonidine; brain membranes, rats, 308, 223
prazosin, adrenoceptors, clonidine, sodium; brain, rats, 312, 105
prazosin, alpha-adrenoceptors, antihypertensives; brain, rats, 317, 273
prazosin, alpha-adrenoceptors, phenoxybenzamine, rauwolscine; aorta, rabbit, 317, 5
prazosin, alpha-adrenoceptors, phenoxybenzamine, yohimbine, corynanthine, propranolol; blood pressure, dog, 314, 149
prazosin, alpha-adrenoceptors, WB 4101, desipramine; vas deferens, rats, 317, 187
prazosin, clonidine, adrenoceptors; brain, rats, 312, 23
prazosin, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl)-2-b, phenoxybenzamine, alpha-adrenoceptors, erythro-1-(1-(1,4-benzodioxan-2-yl)-2-hydroxyethyl)-4-piperidyl; blood pressure, rats, 302, 299
prazosin, insulin, yohimbine, alpha-adrenoceptors; pancreatic islets, rats, 313, 151
prazosine, alpha-methyl-DOPA, yohimbine; pupillary response, cat, 320, 58

pre:postsynaptic activity ratio, B-HT 958, alpha-adrenoceptors; rats, cat, 320, 110
prejunctional effects, adrenoceptor agonists, adrenoceptor antagonists, postjunctional effects; anococcygeus muscle, rats, 312, 107
prenalterol, beta-adrenoceptor agonists, beta-adrenoceptor antagonists; heart, trachea, guinea-pig, 315, 85
prenylamine, phentolamine, alprenolol, action potential, sodium system; heart, guinea-pig, 304, 191
prenylamine, verapamil, D 600, noradrenaline, stimulus-release coupling, calcium; heart, rabbit, 310, 11
presynaptic alpha-adrenoceptors, FLA-163, haemodynamics, clonidine; rats, mice, 306, 127
presynaptic effects, acetylcholine, postsynaptic effects, muscarinic agonists; ileum, guinea-pig, 314, 259
presynaptic feedback mechanism, neurotransmission, adrenoceptors; saphenous vein, dog, 305, 185
presynaptic receptors, dopamine, dopaminergic neurones, nomifensine; nucleus caudatus, rabbit, 306, 275
presynaptic receptors, gamma-butyrolactone, tyrosine hydroxylase, reserpine; striatum, rats, 313, 39
presynaptic receptors, 5-hydroxytryptamine, noradrenaline, sympathetic nerves, indolethylamines, chronotropic effect; heart, rabbit, 308, 9
presynaptic receptors, 5-hydroxytryptamine, serotoninergic neurons, calcium; brain cortex, rats, 310, 93
presynaptic receptors, noradrenaline, potassium, phentolamine, alpha-adrenoceptors; submaxillary gland, rats, 304, 21
presynaptic receptors, postsynaptic receptors, dopamine receptors; rats, 312, 145
presynaptic receptors, serotonin, calcium; brain, rats, 314, 223
probenicid, oxalate, micropuncture, microperfusion; kidney, rats, 304, 277
procain, benzodiazepines, gamma motor system; muscle spindle, cat, 302, 91
procainamide, antiarrhytmic drugs, action potential; heart, guinea-pig, 309, 179
procaine, bradykinin, calcium, acetylcholine; ileum, guinea-pig, 314, 267
prolactin, endorphin, pilocarpine, catecholaminergic neurons; pituitary, rats, 308, 249
propafenone, antiarrhythmic drugs; heart, guinea-pig, 315, 55
propranolol, alpha-adrenoceptors, phenoxybenzamine, yohimbine, corynanthine, prazosin; blood pressure, dog, 314, 149
propranolol, beta-adrenoceptors, catecholamines; heart, kitten, 305, 97
propranolol, blood pressure, beta-adrenoceptors, cardiovascular effects; hypertensive rats, 309, 13
propranolol, carbochromen, cardiac metabolism; heart, dog, 314, 171
propranolol, catecholamines, adenylate cyclase, haloperidol; prostate, rats, 312, 19
propranolol, competitive antagonism, inotropic effect, noradrenaline, isoprenaline; model, guinea-pig, 316, 96
propranolol, diazoxide, hyperglycaemia, beta-adrenoceptors, renin-angiotensin-system; rabbit, 303, 15
propranolol, dihydroalprenolol, beta-adrenoceptors; heart cells, rats, 303, 107
propranolol, dihydro-ouabain, inotropic effect, bathmotropic effect, beta-adrenoceptors; heart, guinea-pig, 307, 99
propranolol, dihydro-ouabain, inotropic effect, sodium flux; heart, guinea-pig, 307, 105
propranolol, ethanol, aminoacids, adrenalectomy, hypophysectomy; rats, 317, 214
propranolol, isoprenaline, salbutamole, cAMP, atenolol; skeletal muscle, guinea-pig, 305, 201
propranolol, phenylephrine, cAMP, phentolamine, inotropic effect, alpha-adrenoceptors; heart, cat, 303, 205
propranolol, protein binding, pharmacokinetics; hypertensive rats, 309, 19
propylthiouracil, alpha-adrenoceptors; rats, guinea-pig, cat, 302, 239
prostacyclin, bradykinin, coronary dilation, indomethacin; guinea-pig, ox, 307, 213
prostacyclin, cAMP, arterial wall, phosphodiesterase inhibitor; coronary arteries, cattle, 308, 107
prostacyclin, cAMP, blood platelets, coronary arteries; bovine hearts, 306, 101
prostacyclin, carbacyclin derivative, vessel tone, platelet aggregation, blood pressure; 316, 252
prostacyclin, cyclooxygenase, tromboxane A2, antiinflammatory drugs; platelets, coronary arteries, 313, 69
prostacyclin, de-aggregation, platelets, pulmonary endothelium; 304, 45
prostacyclin, dihydro-prostacyclins, myocardial mechanics, coronary vascular tone; cow, guinea-pig, 306, 213
prostacyclin, inotropic effect, catecholamines; atrium, rats, 313, 95
prostaglandin, anti-inflammatory drugs, structur-activity assay, tumor promoter; macrophages, mice, 315, 269
prostaglandin, bradykinin, indomethacin, angiotensin converting enzyme, SQ 14,225; blood pressure, rats, 308, 111
prostaglandin, calcium, phospholipase, A 23187; rabbit, 307, 243, spleen
prostaglandinE, capsaicin, bradykinin, nociceptors; ear, rabbit, 312, 139
prostaglandin, dipyridamole, atherosclerotic plaque, cAMP; platelets, aortic wall, rabbitt, 309, 59
prostaglandin, ethacrynic acid, electrolyte transport, furosemide; gallbladder, guinea-pig, 309, 287
prostaglandin, histamine, tachyphylaxis; tracheal muscle, dog, 308, 117
prostaglandin, phospholipase A2, bradykinin, A23187, calcium; ear, rabbit, 307, 177
Prostaglandin B2, thromboxane, anaphylaxis, indomethacin, radioimmunoassay; guinea-pig, 305, 247
prostaglandin D2, coronary vasoconstrictors; heart, guinea-pig, 302, 61
prostaglandin E, bisacodyl, phenolphthalein, osmotic laxatives, water net flux; gut, rats, 305, 241
prostaglandin El, cAMP; gallbladder, guinea-pig, rabbit, 318, 358
prostaglandin E1, prostaglandin-antagonists, cAMP, phloretin; cell cultures, 305, 233
prostaglandin E2, bronchial obstruction, tachyphylaxis, cyclooxygenase inhibitors; sensitized guinea-pig, 317, 351
prostaglandin E2, noradrenaline, alpha-adrenoceptors; splenic pulpa, rabbit, 316, 1
prostaglandin synthetase, bioflavonoids, microsomal inhibitor; kidney, rats, 306, 85
prostaglandin synthetase, flavonoids, phenolic compounds; renal medulla, rats, 307, 73
prostaglandin-antagonists, prostaglandin E1, cAMP, phloretin; cell cultures, 305, 233
prostaglandine, intestinal secretion, enkephalin analogue, morphine, naloxone; small intestine, rats, 308, 261
prostaglandine formation, ethanol, gastric acid secretion; stomage, rats, 303, 87
prostaglandines, mechanical stimulation, indomethacin, blood flow, transmucosal movement; jejunal mucosa, rats, 305, 91
prostaglandins, adenosine, ureteral obstruction, aortic constriction; kidney, rats, 317, 86
prostaglandins, adenylate cyclase, alpha-adrenargic agonists, nicotinic acid; adipocytes, hamster, 312, 167
prostaglandins, amodiaquine, antimalarials; ileum, guinea-pig, 313, 165
prostaglandins, antiinflammatory steroids, membrane stabilizing; ileum, guinea-pig, 309, 191
prostaglandins, arachidonic acid, nicotine, muscarinic receptors; ear, rabbit, 317, 345
prostaglandins, cAMP, isobutylmethylxanthine; cell cultures, 311, 67
prostaglandins, histamine, arachidonic acid, histamine receptors; ear, rabbit, 314, 183
prostaglandins, hydralazine, dihydralazine, minoxidil; blood pressure, dog, 310, 155
prostaglandins, linoleic acid, sympathectomy, epinephrine; blood pressure, rats, 317, 78

prostaglandins, non-cholinergic transmission, non-adrenergic transmission, calcium; small intestine, guinea-pig, 319, 115
prostaglandins, opiates, cAMP, enkephalin; corpus striatum, rats, 302, 103
prostaglandins, thrombocytes, sympathetic stimulation; splenic capsular strips, rabbit, 312, 245
prostaglandins, thromboxane, convulsive drugs, anticonvulsants, cyclooxygenase; brain, mice, 310, 53
protein binding, antidepressants, lipoproteins; human plasma, 314, 61
protein binding, biliary contrast agents; serum albumin, 302, 227
protein binding, phallotoxins, ligandin; hepatocytes, rats, 317, 364
protein binding, propranolol, pharmacokinetics; hypertensive rats, 309, 19
protein binding, warfarin, activation energy; human serum albumin, 313, 269
protein kinase, quercetin, tyrosine, tumor virus, cAMP; 317, 100
proteolysis, suramin, lysosomes, cathepsins, lysosomal enzymes; liver, rats, 304, 183
pseudomonas aeruginosa cytotoxin, permeability, lipid bilayers; ehrlich ascites cells, mice, 320, 78
psychoactive drugs, reflex transmission, muscle relaxants; neuromuscular transmission, mice, 315, 211
psychopharmaca, lipophilic drugs, hexokinase, mitochondria, anesthesia; brain, rats, 307, 171
psychopharmaca, tetrahydropapaveroline, salsolinol, catecholamines, thermoregulation; rats, 306, 135
psychotomimetic activity, canabinoids, acetylcholine; brain, rats, 304, 107
psychotropic drugs, dopamine, compartmental analysis; synaptosomes, rats, 311, 169
pulmonary drug resorption, sodium nitroprusside, antiasthmatics, isoprenaline, blood pressure; rats, guinea-pigs, 306, 203
pulmonary endothelium, prostacyclin, de-aggregation, platelets; 304, 45
purine receptors, adenosine, pacemaker activity; heart, guinea-pig, 311, 147
purinergic neurons, capsaicin, tachyphylaxis, cholinergic neurons, mecamylamine; taenia caeci, guinea-pig, 309, 77
purkinje fibres, pacemaker, beta-adrenoceptors, penbutolol, sympathomimetic drugs; sheep, 307, 9

Q

quercetin, tyrosine, protein kinase, tumor virus, cAMP; 317, 100
quinuclidinylbenzilate, muscarinic cholinoceptors, sympathetic denervation; submaxillary gland, rats, 312, 15
quipazine, 5-hydroxytryptophan, methysergide, metoclopramide, haloperidol; wet-dog shake response, rats, 307, 135
quipazine, receptor supersensitivity, serotoninergic system; body temperature, rabbit, 309, 125
quipazine, serotoninergic system, noradrenergic system, alpha-adrenoceptors, serotonin receptors; brain, rats, 317, 204

R

R 28935, antihypertensive agents, brain distribution; brain, cat, 309, 281
radioimmunoassay, beta-endorphin, metyrapone; stress, rats, 303, 171
radioimmunoassay, Prostaglandin B2, thromboxane, anaphylaxis, indomethacin; guinea-pig, 305, 247
radioligand binding, iodocyanopindolol, beta-adrenoceptors; rats, guinea-pig, 317, 277
rauwolscine, alpha-adrenoceptors, phenoxybenzamine, prazosin; aorta, rabbit, 317, 5
rauwolscine, yohimbine diastereoisomers, corynanthine, alpha-adrenoceptors; rats, 315, 227
rauwolscine, yohimbine stereoisomers, alpha-adrenoceptors, corynanthine; pulmonary arteries, rabbit, 308, 127
reabsorption, 2,4-diamino-6,7-dimethylpteridine, 6,7-dimethylpterin, micropuncture; single nephron, rats, 306, 287
receptor binding, alpha-adrenoceptors, WB-4101, 6-hydroxydopamine; heart, rats, 307, 223
receptor regulation, morphine, catalepsy, dopamine; striatum, rats, 319, 140
receptor selectivity, adrenoceptors, adrenoceptor agonists, adrenoceptor antagonists; trachea, atrium, guinea-pig, 308, 183
receptor subclasses, benzodiazepine receptor, GABAergic modulation; bovine CNS, 319, 172
receptor supersensitivity, drug testing, dopamine receptors; caudate nucleus, rats, 309, 119
receptor supersensitivity, serotoninergic system, quipazine; body temperature, rabbit, 309, 125
receptors, platelet aggregation, adenylate cyclase, alpha-adrenoceptors, beta-adrenoceptors, beta-blockers; man, 302, 285
reflex transmission, psychoactive drugs, muscle relaxants; neuromuscular transmission, mice, 315, 211
reflexes, nucleosides, muscle relaxation, neuromuscular junction; spinal cord, mice, 316, 64
refractory period, hyperkalemia, cardiac conduction; heart, dog, 313, 237
relative efficacy, clenbuterol, equilibrium dissociation constants, beta-adrenoceptors; jugular vein, atrium, rats, 320, 145
relaxation, cGMP, nitroglycerin, sodium nitroprusside, sodium nitrite, adenosine nitrate; bovine coronary arteries, 310, 129
relaxation, lithium, calcium, depolarisation; taenia coli, guinea-pig, 315, 69
renal blood flow, alpha-adrenergic receptor subtypes, femoral blood flow; resistance vessels, dog, 318, 166
renal transport, flavonoids, naringenin, intestinal transport; ileum, kidney, 307, 79
renal vascular resistence, dopamine, metoclopramide, competitive antagonism; kidney, dog, 314, 177
renin, diabetes, hypertension, streptozotocin, dopamine-beta-hydroxylase; tail blood flow, rats, 313, 257
renin, histamine, H1-receptors, H2-receptors; perfused rat kidney, 319, 239
renin, indomethacin, meclofenamate, baroreceptors; adrenalectomy, rats, 309, 25
renin, tyramine, isoprenaline, catecholamines, alpha-adrenoceptors; rats, 303, 139
renin-angiotensin system, adenosine, sodium diet; renal blood flow, rats, 303, 95
renin-angiotensin-system, diazoxide, propranolol, hyperglycaemia, beta-adrenoceptors; rabbit, 303, 15
reserpine, beta-adrenoceptors, isoprenaline supersensitivity; heart, muscle, guinea-pig, 320, 240
reserpine, gamma-butyrolactone, tyrosine hydroxylase, presynaptic receptors; striatum, rats, 313, 39
reserpine, haloperidol, anti-nociceptive effect, nigrostriatal feedback system; tail-flick response, rats, 306, 97
reserpine, serotonin, compartmentalisation; brain, mice, 316, 311
resistance, phallotoxins, tolerance; liver, rats, 307, 283
respiration, GABAergic mechanism, gamma-hydroxybutyric acid, muscimol, baclofen; rats, 317, 315
rested-state contraction, dibutyryl-cAMP, sarcoplasmic reticulum, excitation-contraction coupling; heart, guinea-pig, 305, 65
resting potential, papaverine, potassium, inotropic effect; atrium, guinea-pig, 312, 183
reticulocytes, beta-adrenoceptors, dihydroalprenolol, stereospecifity, adenylcyclase; erythrocytes, rats, 305, 41
rhythmic activity, tetanus toxin, motoneurones; cerebellum, spinal cord, rabbit, 317, 51
rifampicin, bile acids, rifamycin SV; hepatocytes, rats, 302, 19
rifamycin SV, bile acids, rifampicin; hepatocytes, rats, 302, 19
rifamycin SV, sodium cholate, bile acids, cholestatic effect; rats, 313, 171
rifamycin SV, taurocholic acid, bile acids; liver, rats, 302, 323
rigidity, opioids, catatonia; striatum, rats, 313, 139
rotarod behaviour, phencyclidine derivatives; purkinje neurones, mice, 315, 203

rotational behaviour, baclofen, muscimol, GABA, GABA receptors; substantia nigra, rats, 306, 275
rotenone, calcium, catecholamines; bovine adrenal medulla, 316, 69
rubescens lysin, haemolysis; erythrocytes, 311, 95
rubescenslysin, phallolysin, fasciculare lysin; mast cells, rats, 315, 163
rubidium, inotropic effect, vanadate, isoproterenol, sodium channel; heart, rats, guinea-pig, 314, 161

S

saikosaponin-d, carbon tetrachloride, lipid peroxidation; liver, rats, 320, 266
salbutamol, beta-adrenoceptor agonists, beta-adrenoceptor antagonists; brain, rats, 316, 225
salbutamol, beta-adrenoceptor agonists, serotoninergic system; brain, rats, 317, 115
salbutamole, isoprenaline, cAMP, propranolol, atenolol; skeletal muscle, guinea-pig, 305, 201
salicylic acid, intestinal absorption, drugs, urea, antipyrine; intestine, rats, 306, 105
salicylic acid, intestinal absorption, phenylalanine, butanol, antipyrine, urea; jejunum, rats, 304, 175
salicylic acid, tetracycline, intestinal absorption, EDTA, ions; Rabbit, rats, 306, 89
salivary secretion, adrenoceptors, sympathectomy, postjunctional supersensitivity; parotid gland, rats, 308, 211
salivation, substance P, bacitracin; salivary gland, rats, 305, 9
salsolinol, tetrahydropapaveroline, psychopharmaca, catecholamines, thermoregulation; rats, 306, 135
saluresis, diuretics, tubular secretion, MK-447; kidney, hens, 317, 357
sapogenin, saponin, bupleuri radix, hemolysis, membrane stabilisation; erythrocytes, rats, 316, 262
saponin, sapogenin, bupleuri radix, hemolysis, membrane stabilisation; erythrocytes, rats, 316, 262
saralasin, angiotensin2, GABA, chronotropism; cardiac ganglia, dog, 317, 149
sarcoplasmic reticulum, rested-state contraction, dibutyryl-cAMP, excitation-contraction coupling; heart, guinea-pig, 305, 65
saturation binding, bupranolol, beta-adrenoceptors, binding kinetics; heart, cat, 317, 19
sauvagine, phyllomedusa sauvagii, blood pressure, antidiuresis; rats, 312, 265
scorpion venom, tityus toxin, noradrenaline; rats, cat, 303, 243
screening method, antiarrhythmics; arrhythmia, rabbit, 317, 81
sea anemone toxin, sodium channel, surface activity, polypeptide toxins; diaphragma, mice, 309, 165
seasonal variation, adrenoceptors; renal vasculature, toads, 320, 246
sedation, alpha-adrenoceptors, clonidine, B-HT 920, motor activity; behaviour, mice, 317, 180
seizure threshold, GABA, anticonvulsants; brain, mice, 317, 131
selectivity, beta-adrenoceptoragonists-antagonists, temperature; lung, rabbit, 316, 278
sensory nerves, neurogenic oedema, axonal transport, colchicine; saphenous nerve, rats, 314, 277
sensory neuron, somatostatin, substance P, capsaicin; spinal cord, rats, 316, 38
sensory neurones, capsaicin, morphine, nociceptive threshold; tail withdrawal test, rats, 311, 285
sensory neurones, substance P, somatostatin, neurotensin, capsaicin; nervous system, rats, 317, 140
serotonergic mechanism, para-methoxyamphetamine, 2,5-dimethoxyamphetamine, methysergide, para-chlorphenylalanine; suprahyoidale muscle, rats, 304, 101
serotonergic structures, thermoregulation, dopamine, 5-hydroxytryptamine, haloperidol, methysergide; rabbit, 306, 61
serotonin, alcohol intoxication, catecholamines, 6-hydroxydopamine, 5,7-dihydroxytryptamine; brain, rats, 308, 165
serotonin, antidepressants, LSD; raphe, rats, 314, 123
serotonin, body temperature, behaviour, electrocortical activity; cerebral ventricle, fowl, 312, 229
serotonin, calcium, presynaptic receptors; brain, rats, 314, 223
serotonin, cAMP, beta-adrenoceptors, adenylate cyclase, antidepressants; brain, rats, 316, 218
serotonin, compartmentalisation, reserpine; brain, mice, 316, 311
serotonin, dopamine, amygdala; stereotypy, rats, 312, 235
serotonin, ergot alkaloids, hydergine, alpha-adrenoceptors; vasculature, dog, 318, 225
serotonin, feedback control; cerebral cortex, rats, 317, 36
serotonin, 5-hydroxyindole, methiothepin, tryptophan, indolectomy; brain, rats, 307, 143
serotonin, imipramine, monoamine synthesis; brain, rats, 302, 115
serotonin, imipramine, nitroimipramine, antidepressants; human platelets, 320, 45
serotonin, kainic acid, feedback regulation; striatum, rats, 306, 173
serotonin, metachlorophenylpiperazine, anorectic activity, catecholamines; synaptosomes, rats, 308, 159
serotonin, noradrenaline, alpha-adrenoceptors, guanethidine, 6-hydroxydopamine; brain cortex, rats, 320, 38
serotonin, tetrahydro-beta-carbinoles, 5-hydroxyindoleacetic acid; brain, mice, 314, 215
serotonin receptors, antidepressants, adrenoceptors; calf brain, 311, 255
serotonin receptors, quipazine, serotoninergic system, noradrenergic system, alpha-adrenoceptors; brain, rats, 317, 204
serotonin turnover, antidepressants, catecholaminergic system, serotoninergic system; brain, rats, 306, 75
serotonine, nicotine, histamine, tyramine, chlorpheniramine, noradrenaline; pulmonary artery, rabbit, 304, 237
serotonine receptor, p-chlorophenyl-alanine, motor activity; rats, 305, 143
serotoninergic mechanism, kindled seizures; amygdala, rabbit, 316, 56
serotoninergic neurones, 5-hydroxytryptamine, noradrenaline, alpha-adrenoceptors; brain cortex, rats, 313, 21
serotoninergic neurones, imipramine, noradrenergic neurones; brain, rats, 317, 310
serotoninergic neurons, 5-hydroxytryptamine, presynaptic receptors, calcium; brain cortex, rats, 310, 93
serotoninergic receptors, kainic acid, neurotransmitters; wet dog shakes, rats, 314, 37
serotoninergic receptors, metergoline, 5-hydroxytryptamine; brain, rats, 302, 313
serotoninergic receptors, methiothepin, adenylcyclase, supersensitivity; brain, rats, 310, 25
serotoninergic system, alpha-adrenoceptors; brain, rats, 317, 199
serotoninergic system, antidepressants, serotonin turnover, catecholaminergic system; brain, rats, 306, 75
serotoninergic system, quipazine, noradrenergic system, alpha-adrenoceptors, serotonin receptors; brain, rats, 317, 204
serotoninergic system, receptor supersensitivity, quipazine; body temperature, rabbit, 309, 125
serotoninergic system, salbutamol, beta-adrenoceptor agonists; brain, rats, 317, 115
serum albumin, azapropazone, drug binding, binding inhibitors; man, 313, 159
sex, imipramine, antidepressants, age; human platelets, 313, 189
shape change reaction, myelin basic protein, polypeptides, depolarisation, multiple sclerosis; platelets, 310, 87
SH-groups, muscarinic receptors, cholinergic agonists, cholinergic antagonists, guanine nucleotides; heart, rats, 314, 51
sinoatrial node, beta-adrenoceptor blockers, adenylcyclase, chronotropic effect, isoprenaline; heart, rats, cat, 307, 1
SK-F 64139, phenylethanolamineN-methyltransferase, lungenzymes; mammalian lungs, 313, 263
slow action potential, adrenoceptors, inotropic effect; heart, rabbit, 318, 330
slow channel inhibitors, pacemaker action potential, verapamil, nifedipine; AV-node, rabbit, 316, 178
smooth muscle, cGMP derivatives, cGMP, muscle tone; rats, rabbit, 306, 1

smooth muscle relaxants, apamin, noradrenergic inhibitory nerves, ATP; caecum, guinea-pig, 311, 105
snake venom, dendrotoxin, acetylcholine, neuromuscular junction, neurotoxin; mice, chicken, 312, 1
sodium, adenylcyclase, muscarinic receptors, guanine nucleotides; heart, rabbit, 310, 113
sodium, adrenoceptors, prazosin, clonidine; brain, rats, 312, 105
sodium, alpha-noradrenoceptors, clonidine, guanyl nucleotides, magnesium; cerebral cortex, rats, 306, 67
sodium, cholinomimetics, tyrosine hydroxylase, nicotinic receptors; cervical ganglion, rats, 313, 199
sodium, noradrenaline; heart, rats, 302, 255
sodium, noradrenaline, monovalent cations, neuronal uptake, membrane transport; vas deferens, rats, 309, 89
sodium, noradrenaline, neuronal uptake, membrane transport, kinetic analysis; vas deferens, rats, 309, 99
sodium, oubain, 2,4-dinitrophenole, verapamil, depolarisation; taenia coli, guinea-pig, 312, 199
sodium channel, atrioventricular conduction, verapamil, tetrodotoxin, calcium channel; atrioventricular node, dog, 308, 89
sodium channel, cGMP, neurotoxins, calcium; cerebellum, mice, 307, 159
sodium channel, cyclic nucleotides, neurotoxins; neuraltissue, mice, 307, 151
sodium channel, inotropic effect, vanadate, rubidium, isoproterenol; heart, rats, guinea-pig, 314, 161
sodium channel, sea anemone toxin, surface activity, polypeptide toxins; diaphragma, mice, 309, 165
sodium cholate, rifamycin SV, bile acids, cholestatic effect; rats, 313, 171
sodium diet, adenosine, renin-angiotensin system; renal blood flow, rats, 303, 95
sodium fluoroacetate, inotropic effect, ceveratrum alkaloids, tetrodotoxin, ouabain; heart, guinea-pig, 303, 7
sodium flux, dihydro-ouabain, propranolol, inotropic effect; heart, guinea-pig, 307, 105
sodium nitrite, cGMP, nitroglycerin, sodium nitroprusside, adenosine nitrate, relaxation; bovine coronary arteries, 310, 129
sodium nitroprusside, antiasthmatics, isoprenaline, pulmonary drug resorption, blood pressure; rats, guinea-pigs, 306, 203
sodium nitroprusside, cGMP, mepacrine, arachidonic acid, calcium; ductus deferens, rats, 311, 71
sodium nitroprusside, cGMP, nitroglycerin, sodium nitrite, adenosine nitrate, relaxation; bovine coronary arteries, 310, 129
sodium nitroprusside, guanylate cyclase, N-methyl-N'-nitrosoguanide, phospholipases, fatty acids; adrenal cortex, 304, 51
sodium nitroprusside, interstitium, drug metabolism, microcirculation, pharmacokinetics; vascular bed, rats, 320, 260
sodium pump, Lithium, thallium, inotropic effect, ATPase; atria, guinea-pig, 304, 167
sodium pump, membrane potential, D 600, dihydro-ouabain; ear artery, rabbit, 303, 213
sodium pump, sulfhydryl inhibitor, digitoxin; heart, guinea-pig, 302, 63
sodium system, phentolamine, alprenolol, prenylamine, action potential; heart, guinea-pig, 304, 191
sodium-calcium exchange, verapamil, magnesium; aorta, guinea-pig, 309, 171
sodium-potassium exchange, ouabain, vascular muscle; aorta, guinea-pig, 304, 203
solubilisation, beta-adrenoceptors, guanyl nucleotides; lung, guinea-pig, 305, 191
somatostatin, baclofen, substance P; spinal cord, rats, 319, 78
somatostatin, substance P, capsaicin, sensory neuron; spinal cord, rats, 316, 38
somatostatin, substance P, neurotensin, capsaicin, sensory neurones; nervous system, rats, 317, 140
sorbitol, cocaine, noradrenaline, neuronal uptake; heart, rabbit, 302, 263
sotalol, myocardial pH, ischemia, heart rate; heart, dog, 318, 340
species differences, cardiotonic agents, ATPase, inotropic receptor, monensin, cassaine, actodigin; guinea-pig, rats, rabbit, 308, 81
species differences, substance P; intestinal muscle, mammals, 320, 217
specific tissue binding, ouabain; purkinje fibre, ventricular muscle, dog, 318, 344
sphingomyelinase, perhexiline, phospholipids; human fibroblast cultures, 317, 173
spiperone, bromocriptine, cAMP, isobutylmethylxanthine, dopamine receptors; brain, rats, 304, 141
spiperone, bromocryptine, dopamine receptors, DOPA; striatum, olfactory tubercle, rats, 312, 37
spiperone, domperidone, apomorphine, dopamine receptors; striatum, rats, 308, 231
spirolactone, digitoxin metabolism, microsomal monooxygenases; microsomes, rats, 305, 261
spiroperidol, dopamine receptors; mesenteric artery, rabbit, 311, 249
splanchnic nerve, catecholamines, blood pressure; hypothalamus, cat, 310, 237
spontaneous activity, histamine, adenylate cyclase; sinus node, rabbit, 313, 9
spontaneous activity, opiates, opiate receptors; nigral neurones, rats, 316, 149
SP-receptors, substance P, tachykinins, structure-activity relationship; rats, guinea-pig, 318, 281
SQ 14,225, bradykinin, prostaglandin, indomethacin, angiotensin converting enzyme; blood pressure, rats, 308, 111
steal-phenomenon, vasodilators, coronary circulation, vascular resistance; heart, dog, 308, 265
stereoisomers, methoxyhydroxyphenylglycol, sulphates; dog, 314, 89
stereoselectivity, noradrenaline, monoamine oxidase, catechol-O-methyl-transferase; aorta, rabbit, 302, 195
stereospecific action, diuretic drugs, ozolinone, chloride secretion; colon, rabbit, 318, 363
stereospecifity, beta-adrenoceptors, dihydroalprenolol, adenylcyclase, reticulocytes; erythrocytes, rats, 305, 41
stereospezifity, 1,4-dihydropyridines, nifedipine, calcium antagonists; rabbit, guinea-pig, 317, 183
stereotypy, GABA receptors, dopaminergic neurones, behaviour; substantia nigra, cat, 317, 54
stereotypy, 5-hydroxytryptamine, amphetamine, locomotor activity; behavioural testing, rats, 308, 51
steroids, cardiac glycosides, transport; hepatocytes, rats, 316, 340
stimulation, sulfonylureas, insulin release, glucose; pankreas, rats, 306, 185
stimulus-release coupling, verapamil, prenylamine, D 600, noradrenaline, calcium; heart, rabbit, 310, 11
streptozotocin, diabetes, hypertension, renin, dopamine-beta-hydroxylase; tail blood flow, rats, 313, 257
streptozotocin, hyperglycaemia, hypertension, hyperlipaemia, cataract; rats, 305, 123
stress, catecholamines, diazepam; brain, rats, 318, 374
structur-activity assay, anti-inflammatory drugs, prostaglandin, tumor promoter; macrophages, mice, 315, 269
structure-activity relations, 2-aminotetralins, dopamine agonists; striatum, rats, 313, 213
structure-activity relationship, beta-blockers, action potential; heart, guinea-pig, 317, 245
structure-activity relationship, dopamine, metoclopramide, droperidol, vasodilatation; mesenteric artery, rabbit, 316, 24
structure-activity relationship, inotropic effect, nifedipine derivatives; heart, cat, 310, 69
structure-activity relationship, substance P, tachykinins, SP-receptors; rats, guinea-pig, 318, 281
strychnine, GABA, glycine, bicuculline; brain, rats, 304, 81
subclassifikation, postsynaptic alpha-receptors; pithed rats, 310, 189
substance P, angiotensin, bradykinin; atrium, guinea-pig, 312, 63
substance P, antidromic vasodilatation, neurogenic plasma extravasation, pain fibres, histamine, mast cells; rats, 310, 175
substance P, bacitracin, salivation; salivary gland, rats, 305, 9
substance P, baclofen, somatostatin; spinal cord, rats, 319, 78

substance P, baroreceptor neurones, neurotransmitter, neuromodulator; cats, rats, 314, 111
substance P, binding sites, phospholipids; brain, rabbit, 314, 211
substance P, caerulein, cholinomimetics, 5-hydroxytryptamine; ileum, guinea-pig, 312, 131
substance P, capsaicin; rats, 315, 185
substance P, capsaicin, acetylcholine; ileum, guinea-pig, 319, 212
substance P, capsaicin, chemosensitive pain fibres, inflammation; peripheral nerves, rats, 313, 91
substance P, capsaicin, depressor reflex; blood pressure, rats, 320, 54
substance P, capsaicin, nociception; rats, mice, 320, 205
substance P, capsaicin, plasma extravasation, chemosensitivity; rats, 316, 240
substance P, cholecystokinin; brain extracts, 305, 189
substance P, desensitization, peptidergic nerves, neurotransmitter; ileum, guinea-pig, 306, 195
substance P, GABA, 5-hydroxytryptamine, alpha-flupenthixol, dopamine; substantia nigra, rats, 304, 271
substance P, histamine, mast cells, vasodilatation, plasma extravasation; rats, 317, 67
substance P, hyperemia, vasoactive intestinal polypeptide, capsaicin, neurogenic vasodilatation; paw, rats, 316, 165
substance P, neurogenic oedema, mast cell amines, capsaicin; saphenous nerve, rats, 314, 271
substance P, neurotensin, vascular permeability, mast cells; evans blue, rats, 309, 159
substance P, nociception, naloxone; tail flick, rats, 317, 135
substance P, nociceptive activity, naloxone; rats, 319, 154
substance P, peptidergic nerves, myenteric plexus; intestine, guinea-pig, 307, 57
Substance P, phospholipids, phosphatidyl serine; brain, 303, 79
substance P, phospholipids, physalaemin; partition, 306, 189
substance P, somatostatin, capsaicin, sensory neuron; spinal cord, rats, 316, 38
substance P, somatostatin, neurotensin, capsaicin, sensory neurones; nervous system, rats, 317, 140
substance P, species differences; intestinal muscle, mammals, 320, 217
substance P, substance P-analogues, synaptic vesicles; brain, rats, 306, 45
substance P, synaptic vesicles; CNS, rats, 311, 151
substance P, tachykinins, SP-receptors, structure-activity relationship; rats, guinea-pig, 318, 281
substance P, teprotide, 1,10-phenanthroline; radioimmunoassay, 307, 251
substance P, vagus nerv, axoplasmatic transport; 5 species, 306, 37
substance P plasma level; cat, 305, 17
substance P-analogues, substance P, synaptic vesicles; brain, rats, 306, 45
succinate dehydrogenase, monoamine oxidase, hemitransection, acid phosphatase; brain, rats, 316, 51
sulfhydryl inhibitor, sodium pump, digitoxin; heart, guinea-pig, 302, 63
sulfonylureas, insulin release, stimulation, glucose; pankreas, rats, 306, 185
sulfonylureas, insulinotropic effect, cationic transport, theophylline; pancreatic islets, rats, 312, 277
sulphates, methoxyhydroxyphenylglycol, stereoisomers; dog, 314, 89
sulpiride, cAMP, dopamine, clebopride, thioxanthenes; retina, rabbit, 303, 189
supersensitivity, dopamine receptors, kainic acid, apomorphine; brain, rats, 312, 161
supersensitivity, dopaminergic system, fluphenazine, apomorphine; brain, rats, 312, 151
supersensitivity, 6-hydroxydopamine, noradrenaline, GABA; cerebellar purkinje cells, rats, 315, 37
supersensitivity, methiothepin, serotoninergic receptors, adenylcyclase; brain, rats, 310, 25
suramin, mucopolysaccharides, organomegaly, lysosomal storage disorders; rats, 319, 262
suramin, proteolysis, lysosomes, cathepsins, lysosomal enzymes; liver, rats, 304, 183
surface activity, palytoxin, ATPase, ouabain, permeability; erythrocytes, 319, 101
surface activity, sea anemone toxin, sodium channel, polypeptide toxins; diaphragma, mice, 309, 165
sympathectomy, adrenoceptors, catecholamines, 6-hydroxydopamine; spleen, rats, 307, 227
sympathectomy, amylase, postjunctional supersensitivity, adrenoceptors; parotid gland, rats, 308, 217
sympathectomy, inotropic effect, extraneuronal uptake, adrenoceptors; heart, guinea-pig, 316, 8
sympathectomy, nerve degeneration, noradrenaline, bretylium, pargyline; pineal gland, rats, 319, 136
sympathectomy, prostaglandins, linoleic acid, epinephrine; blood pressure, rats, 317, 78
sympathectomy, salivary secretion, adrenoceptors, postjunctional supersensitivity; parotid gland, rats, 308, 211
sympathetic activity, kallikrein, 6-hydroxydopamine; hypertensive rats, 313, 155
sympathetic denervation, muscarinic cholinoceptors, quinuclidinylbenzilate; submaxillary gland, rats, 312, 15
sympathetic ganglion, GABA, 4-aminopyridine; cervical ganglion, rats, 314, 141
sympathetic nerv, antidepressants, antimuscarinic activity; ear artery, rabbit, 320, 14
sympathetic nerve stimulation, noradrenaline, nicotine receptors; heart, rats, 318, 301
sympathetic nerves, 5-hydroxytryptamine, noradrenaline, indolethylamines, chronotropic effect, presynaptic receptors; heart, rabbit, 308, 9
sympathetic nervous system, dopamine beta-hydroxylase, catecholamines; head injury, man, 303, 235
sympathetic neurotransmission, phenylephrine, tramazoline, alpha-adrenoceptors; vasculature, rabbit, 304, 223
sympathetic stimulation, prostaglandins, thrombocytes; splenic capsular strips, rabbit, 312, 245
sympathetic transmission, noradrenaline, clonidine, alpha-adrenoceptor agonists; heart, rats, 309, 225
sympathomimetic agonists, adrenoceptors, catechol-O-methyl-transferase; vasculature, dog, 316, 195
sympathomimetic amines, dissociation constants, lipophilicity, catecholamines; 310, 1
sympathomimetic drugs, pacemaker, purkinje fibres, beta-adrenoceptors, penbutolol; sheep, 307, 9
sympathomimetic effect, beta-blockers; heart, cat, guinea-pig, 311, 237
sympathomimetic transmission, alpha-adrenoceptors; arteries, dog, 319, 1
synaptic vesicles, substance P; CNS, rats, 311, 151
synaptic vesicles, substance P, substance P-analogues; brain, rats, 306, 45
synaptosomes, noradrenaline, desipramine, 5-hydroxytryptamine, alpha-adrenoceptors; brain, rats, 318, 173

T

tabernanthine, catecholamines, hypobaric hypoxia; brain, rats, 313, 119
tachykinins, kassinin, physalaemin; bioassay, 311, 61
tachykinins, substance P, SP-receptors, structure-activity relationship; rats, guinea-pig, 318, 281
tachyphylaxis, bronchial obstruction, cyclooxygenase inhibitors, prostaglandin E2; sensitized guinea-pig, 317, 351
tachyphylaxis, capsaicin, cholinergic mechanism; ileum, guinea-pig, 305, 75
tachyphylaxis, capsaicin, purinergic neurons, cholinergic neurons, mecamylamine; taenia caeci, guinea-pig, 309, 77
tachyphylaxis, histamine, prostaglandin; tracheal muscle, dog, 308, 117
tandamine, antidepressants, guanethidine; arousal reaction, cat, guinea-pig, rabbit, 302, 107
tandamine, biogenic amines, desipramine, muscarinic receptors, anticholinergic activity; brain, rats, 308, 239

taurine, homotaurine, GABA, muscimol, thermoregulation, muscle tone; rabbit, 305, 155
taurine, monoamine precursors, 3-hydroxybenzyl-hydrazine, thermoregulation; brain, rats, 304, 95
taurocholic acid, hepatobiliary transport, bromosulfophthalein; liver, rats, 303, 287
taurocholic acid, rifamycin SV, bile acids; liver, rats, 302, 323
taurodehydrocholic acid, phalloidin, cholate, plasma membranes; hepatocytes, hepatoma cells, 319, 254
temperatur, cholinergic mechanism, capsaicin; ileum, guinea-pig, 310, 169
temperature, beta-adrenoceptoragonists-antagonists, selectivity; lung, rabbit, 316, 278
temperature sensivity, isoprenaline, catecholamines, extraneuronal uptake; heart, rats, 306, 239
teprotide, substance P, 1,10-phenanthroline; radioimmuno-assay, 307, 251
terbutaline, dobutamine, isoprenaline, beta-adrenoceptors, chronotropic effect; atrium, trachea, guinea-pig, 309, 19
tetanus, drug screening, diazepam; biological assay, mice, 308, 77
tetanus toxin, botulinum toxin, calcium, acetylcholine; brain, rats, 316, 143
tetanus toxin, botulinum toxin, choline, gangliosides; brain, rats, 316, 135
tetanus toxin, botulinum toxin, cholinergic neurones, acetylcholine; myenteric plexus, guinea-pig, 312, 255
tetanus toxin, botulinum toxin, neuromuscular junction, neuraminidase; diaphragma, mice, 311, 33
tetanus toxin, botulinum toxin, noradrenaline, gangliosides; brain, rats, 318, 105
tetanus toxin, botulinum-A toxin, acetylcholine, neurotoxines; nerve cell cultures, rats, 303, 133
tetanus toxin, glycine; spinal cord, rats, 307, 287
tetanus toxin, hypoxia, cardiovascular system, adrenergic blockers; dog, 318, 220
tetanus toxin, motoneurones, rhythmic activity; cerebellum, spinal cord, rabbit, 317, 51
tetanus toxin, motoneurons, electrical excitability; gastrocnemius, cat, 308, 71
tetanus toxin, neuromuscular junction; phrenic nerve-hemidiaphragma, mice, 317, 326
tetanus toxin, neurotransmitters, botulinum toxin; CNS, rats, 316, 244
tetracaine, acetylcholine, pentobarbital, 4-aminopyridine; heart, 312, 7
tetracycline, intestinal absorption, salicylic acid, EDTA, ions; Rabbit, rats, 306, 89
tetraethylammonium, exocytosis, calcium, noradrenaline; heart, guinea-pig, 316, 273
tetrahydro-beta-carbinoles, serotonin, 5-hydroxyindoleacetic acid; brain, mice, 314, 215
tetrahydronorharmane, 5-hydroxytryptamine, para-chloro-N-methylamphetamine, 5-hydroxyindoleacetic acid; rats, 303, 229
tetrahydronorharmane, indole metabolism; human urine, rat brain, 305, 135
tetrahydropapaveroline, salsolinol, psychopharmaca, catecholamines, thermoregulation; rats, 306, 135
tetrodotoxin, acetylcholine, noradrenaline, pelviureteral smooth muscle; man, guinea-pig, rabbit, pelviureteral smooth muscle, 302, 293
tetrodotoxin, atrioventricular conduction, verapamil, sodium channel, calcium channel; atrioventricular node, dog, 308, 89
tetrodotoxin, dopamine, apomorphine, bromocriptine, chlorpromazine, haloperidol; nucleus caudatus, rabbit, 305, 27
tetrodotoxin, GABA agonists, GABA antagonists, acetylcholine, choline; brain, guinea-pig, 318, 253
tetrodotoxin, inotropic effect, veratridine, cevadine; heart, guinea-pig, 314, 157
tetrodotoxin, potassium, apomorphine, haloperidol, dopamine receptors; caudate nucleus, rats, 314, 129
tetrodotoxin, sodium fluoroacetate, inotropic effect, ceveratrum alkaloids, ouabain; heart, guinea-pig, 303, 7
thallium, Lithium, inotropic effect, ATPase, sodium pump; atria, guinea-pig, 304, 167
theophylline, adenosine, lipolysis, dipyridamole; adipose tissue, dog, 316, 112
theophylline, cAMP, cGMP, inotropic action, carbachol, isoprenaline; heart, dog, 312, 175
theophylline, GABA, convulsants, d-tubocurarine; olfactory cortex, guinea-pig, 318, 274
theophylline, oxyfedrine, inotropic effect, isoprenaline, beta-adrenoceptors; heart, guinea-pig, 309, 109
theophylline, sulfonylureas, insulinotropic effect, cationic transport; pancreatic islets, rats, 312, 277
thermoregulation, adrenoceptors, dopamine receptors; mastomys natalensis, 318, 38
thermoregulation, capsaicin; colon temperature, rats, 320, 97
thermoregulation, dopamine, 5-hydroxytryptamine, haloperidol, methysergide, serotonergic structures; rabbit, 306, 61
thermoregulation, dopamine, noradrenaline, FLA-63, adrenoceptors, noradrenoceptors; sheep, 303, 263
thermoregulation, lisuride, bromocriptine, dopaminergic effect; rats, 306, 147
thermoregulation, phentolamine, pimozide, biperiden; hypothalamus, rats, 318, 43
thermoregulation, taurine, homotaurine, GABA, muscimol, muscle tone; rabbit, 305, 155
thermoregulation, taurine, monoamine precursors, 3-hydroxybenzyl-hydrazine; brain, rats, 304, 95
thermoregulation, tetrahydropapaveroline, salsolinol, psychopharmaca, catecholamines; rats, 306, 135
thiol, cAMP, cAMP-diesterase, diamide; pancreatic islets, rats, 319, 243
thiols, insulin, tolbutamide; pancreas, rats, 317, 262
thiopental, energy metabolism, electroencephalogram, hexokinase, phosphofructokinase; brain, rats, 318, 56
thioridazine, drug binding, binding interactions; human albumin, 319, 189
thioridazine, evoked potentials, pimozide, haloperidol, chlorpromazine; striatum, 303, 165
thioxanthenes, cAMP, dopamine, sulpiride, clebopride; retina, rabbit, 303, 189
thrombocytes, prostaglandins, sympathetic stimulation; splenic capsular strips, rabbit, 312, 245
thromboxane, Prostaglandin B2, anaphylaxis, indomethacin, radioimmunoassay; guinea-pig, 305, 247
thromboxane, prostaglandins, convulsive drugs, anticonvulsants, cyclooxygenase; brain, mice, 310, 53
thromboxane A2, calcium antagonists, nifedipine, coronary spasm; coronary artery, cat, 318, 249
thyroid hormone, hypothyroidism, 5-hydroxytryptamine, triiodothyronine, 5-hydroxyindoleacetic acid; brain, rats, 304, 9
thyroid hormones, alpha-adrenoceptors, WB 4101; cerebral cortex, rats, 45
TH-494, antiarrhythmics, action potential; rabbit, guinea-pig, 317, 238
tilidine, opiate receptors, physical dependence, analgesia; rats, guinea-pig, 304, 89
time-response, alpha-methyl-p-tyrosine, dose-response, catecholamines; brain, rats, 304, 111
tissue distribution, cardiac glycosides, ATPase, neurotoxicity, glycoside receptors; heart, brain, dog, 307, 65
tissue sampling method, cyclic nucleotides; mice, 303, 55
tityus toxin, noradrenaline, scorpion venom; rats, cat, 303, 243
tocainide, lidocaine, action potential; heart, guinea-pig, 314, 67
tolazoline, myenteric plexus, yohimbine, phentolamine, alpha-adrenoceptors; ileum, guinea-pig, 309, 255
tolbutamide, beta-cell thiols, insulin, methylene blue, diamide; pancreas, rats, 307, 91
tolbutamide, insulin, thiols; pancreas, rats, 317, 262

tolerance, enkephalins, naloxone, opioid dependence; striatum, rats, 313, 145
tolerance, hydralazine, hypothermia, ethanol, blood pressure; mice, rats, 312, 209
tolerance, morphine, body temperature, 5-hydroxytryptamine, catecholamines; brain, rats, 313, 125
tolerance, phallotoxin; cholestatic rats, 316, 257
tolerance, phallotoxins, resistance; liver, rats, 307, 283
toxicity, paraquat, lipid peroxidation, ethane; oxygen breathing, rats, 310, 241
toxiferine, motor endplate, drug binding sites, nicotinic acetylcholine receptors; diaphragma, mice, 306, 17
toxin fragments, botulinum toxins; synaptosomes, rats, 308, 67
tramazoline, phenylephrine, alpha-adrenoceptors, sympathetic neurotransmission; vasculature, rabbit, 304, 223
transmitter, neuro-muscular junction, adenosine, ouabain; nerve-muscle preparation, frog, 308, 273
transmucosal movement, prostaglandines, mechanical stimulation, indomethacin, blood flow; jejunal mucosa, rats, 305, 91
transmyocardial fluid, dopamine-beta-hydroxylase, noradrenaline, potassium; heart, rabbit, 315, 139
transport, cardiac glycosides, steroids; hepatocytes, rats, 316, 340
triggered-activity, afterpotentials; heart, dog, 317, 339
triiodothyronine, hypothyroidism, 5-hydroxytryptamine, thyroid hormone, 5-hydroxyindoleacetic acid; brain, rats, 304, 9
tromboxane A2, cyclooxygenase, prostacyclin, antiinflammatory drugs; platelets, coronary arteries, 313, 69
tryptamine, 5-methoxyindoles; pineal gland, 318, 49
tryptophan, 5-hydroxyindole, methiothepin, serotonin, indolectomy; brain, rats, 307, 143
tryptophan, tyrosine, 5-hydroxytryptophan, DOPA, catecholamines; brain, rats, 303, 157
d-tubocurarine, GABA, convulsants, theophylline; olfactory cortex, guinea-pig, 318, 274
tubular secretion, diuretics, saluresis, MK-447; kidney, hens, 317, 357
tumor promoter, anti-inflammatory drugs, prostaglandin, structur-activity assay; macrophages, mice, 315, 269
tumor virus, quercetin, tyrosine, protein kinase, cAMP; 317, 100
turning behaviour, muscimol, GABA receptors, dopamine receptors, apomorphine; brain, rats, 310, 43
tyramine, isoprenaline, catecholamines, renin, alpha-adrenoceptors; rats, 303, 139
tyramine, nicotine, histamine, chlorpheniramine, serotonine, noradrenaline; pulmonary artery, rabbit, 304, 237
tyramine, noradrenaline; saphenous vein, dog, 305, 37
tyramine, noradrenaline; kinetic analysis, dog, 318, 83
tyramine, noradrenaline, GABA; rats, cat, 306, 161
tyramine, noradrenaline, oxidative deamination; electrical stimulation, saphenous vein, dog, 311, 9
tyrosine, methadone, 5-hydroxytryptamine, naloxone, opiate receptors; brain, rats, 307, 51
tyrosine, quercetin, protein kinase, tumor virus, cAMP; 317, 100
tyrosine, tryptophan, 5-hydroxytryptophan, DOPA, catecholamines; brain, rats, 303, 157
tyrosine hydroxylase, catecholamines, carbachol, enzyme induction; cervical ganglion, rats, 308, 25
tyrosine hydroxylase, catecholamines, phenylethanolamineN-methyltransferase; adrenal gland, rats, 319, 22
tyrosine hydroxylase, 3,4-dihydroxyphenylacetic acid, dopamine, emotional states; brain, rats, 308, 155
tyrosine hydroxylase, diurnal rhythm, dopamine beta-hydroxylase, H 44-68, FLA-63, biogenic amines; rats, 303, 257
tyrosine hydroxylase, DOPA, apomorphine; neuroblastoma cells, mice, 320, 85
tyrosine hydroxylase, gamma-butyrolactone, reserpine, presynaptic receptors; striatum, rats, 313, 39
tyrosine hydroxylase, H 44-68, FLA-63, motor activity, diurnal rhythm, catecholamines; rats, 303, 251
tyrosine hydroxylase, methamphetamine, dopamine, adrenal gland; brain, rats, 310, 185
tyrosine hydroxylase, sodium, cholinomimetics, nicotinic receptors; cervical ganglion, rats, 313, 199

U

UDP-glucuronosyltransferase, ethoxyquin, 3-methylcholanthrene, antioxidants; rats, 310, 249
UDP-glucuronyltransferase, benzo(a)pyrene monooxygenase, enzyme coupling, enzyme induction, detoxication; liver microsomes, rats, 304, 77
uptake inhibitors, catecholamines; pharmacologic method, guinea-pig, 316, 89
uptake inhibitors, extraneuronal uptake, adrenaline; trachea, guinea-pig, 315, 249
uptake kinetics, dopamine, compartmental analysis; synaptosomes, striatum, rats, 308, 31
urea, intestinal absorption, drugs, antipyrine, salicylic acid; intestine, rats, 306, 105
urea, intestinal absorption, phenylalanine, butanol, antipyrine, salicylic acid; jejunum, rats, 304, 175
ureteral obstruction, adenosine, aortic constriction, prostaglandins; kidney, rats, 317, 86
uterine relaxation, diazoxide, blood pressure, hyperglycemia, beta-adrenoceptors; rats, 316, 190

V

vagal efferents, fentanyl, cardioinhibitory efferents, heart rate; dog, 312, 57
vagus nerv, substance P, axoplasmatic transport; 5 species, 306, 37
vanadate, inotropic effect, rubidium, isoproterenol, sodium channel; heart, rats, guinea-pig, 314, 161
vanadate, isobutylmethylxanthine, isoprenaline, inotropic effect, cAMP; heart, guinea-pig, 315, 147
vanadium, ATP, isoproterenol, phosphatase; kidney, man, 307, 191
vascular muscle, ouabain, sodium-potassium exchange; aorta, guinea-pig, 304, 203
vascular permeability, substance P, neurotensin, mast cells; evans blue, rats, 309, 159
vascular resistance, vasodilators, coronary circulation, steal-phenomenon; heart, dog, 308, 265
vasoactive intestinal peptide, kainic acid, cAMP, neuromodulation, neurotransmission; brain, rats, 306, 281
vasoactive intestinal polypeptide, hyperemia, substance P, capsaicin, neurogenic vasodilatation; paw, rats, 316, 165
vasoactive intestinal polypeptide, intestinal secretion, cAMP, adenylate cyclase, morphine; jejunum, rats, 313, 243
vasoconstriction, adrenoceptors, divalent metal ions, calcium antagonists; pithed rats, 316, 288
vasoconstriction, B-HT 933, yohimbine diastereoisomers, alpha-adrenoceptors; pithed rats, 313, 17
vasodilatation, clonidine, 5-hydroxytryptamine, hypothermia, alpha-adrenoceptors; cerebroventricular injection, rabbit, 315, 195
vasodilatation, dopamine, metoclopramide, droperidol, structure-activity relationship; mesenteric artery, rabbit, 316, 24
vasodilatation, phthalazinol; smooth muscle cells, pig, guinea-pig, 311, 159
vasodilatation, substance P, histamine, mast cells, plasma extravasation; rats, 317, 67
vasodilators, coronary circulation, vascular resistance, steal-phenomenon; heart, dog, 308, 265
vasopressin, beta-lipotropin, beta-endorphin; rats, 316, 59
vasopressin, dopamine receptors, naloxone; neurohypophysis, rats, 319, 56
verapamil, atrioventricular conduction, tetrodotoxin, sodium channel, calcium channel; atrioventricular node, dog, 308, 89
verapamil, atrioventricular junction, nifedipine, pacemaker; heart, dog, 315, 241

verapamil, calcium, aminophylline, isoprenaline, cAMP; diaphragma, rats, 303, 47
verapamil, cardiac metabolism; heart-lung preparation, dog, 310, 139
verapamil, inotropic effects, Hansch analysis; structure-activity relation, heart, cat, 302, 217
verapamil, nifedipin, calcium; automaticity, heart, dog, 302, 235
verapamil, oubain, 2,4-dinitrophenole, sodium, depolarisation; taenia coli, guinea-pig, 312, 199
verapamil, pacemaker action potential, nifedipine, slow channel inhibitors; AV-node, rabbit, 316, 178
verapamil, prenylamine, D 600, noradrenaline, stimulus-release coupling, calcium; heart, rabbit, 310, 11
verapamil, sodium-calcium exchange, magnesium; aorta, guinea-pig, 309, 171
veratridine, inotropic effect, cevadine, tetrodotoxin; heart, guinea-pig, 314, 157
vessel tone, carbacyclin derivative, prostacyclin, platelet aggregation, blood pressure; 316, 252
viloxazine, mianserin, amitriptyline, ganglionic receptors; cervical ganglion, cat, 316, 161
vincamine; hepatocytes, mice, 318, 349
visceral pain, nociception, morphine, caerulein, naloxone; renal pelvis, rats, 319, 161

W

warfarin, antiinflammation, phylloquinone, anticoagulants; paw, rats, 307, 185
warfarin, drug-protein binding; human serum albumin, 320, 189
warfarin, protein binding, activation energy; human serum albumin, 313, 269
water net flux, bisacodyl, phenolphthalein, osmotic laxatives, prostaglandin E; gut, rats, 305, 241
WB 4101, adrenoceptors; pithed rats, 319, 222
WB 4101, alpha-adrenoceptors, prazosin, desipramine; vas deferens, rats, 317, 187
WB 4101, alpha-adrenoceptors, thyroid hormones; cerebral cortex, rats, 45
WB 4101 binding, clonidine, alpha-adrenoceptors, noradrenaline, withdrawal syndrome; rats, 320, 115
WB-4101, alpha-adrenoceptors, receptor binding, 6-hydroxydopamine; heart, rats, 307, 223
withdrawal, guanfacine, clonidine, antihypertensive drugs; blood pressure, heart rate, rats, 319, 82
withdrawal, naloxone, dopamine, apomorphine, clonidine; tolerance, dependence, rats, 305, 1
withdrawal syndrome, clonidine, alpha-adrenoceptors, noradrenaline, WB 4101 binding; rats, 320, 115

X

xanthines, adenosine, cAMP; hippocampus, rats, 316, 326

Y

yohimbine, alpha-adrenoceptors, phenoxybenzamine, corynanthine, prazosin, propranolol; blood pressure, dog, 314, 149
yohimbine, alpha-methyldopa, phenoxybenzamine; pupil, cat, 314, 1, 135
yohimbine, alpha-methyl-DOPA, prazosine; pupillary response, cat, 320, 58
yohimbine, clonidine, amphetamine, monoamines; iris, cat, 309, 235
yohimbine, haloperidol, phenoxybenzamine, phentolamine, alpha-adrenoceptors; locomotor activity, mice, 303, 153
yohimbine, insulin, prazosin, alpha-adrenoceptors; pancreatic islets, rats, 313, 151
yohimbine, myenteric plexus, tolazoline, phentolamine, alpha-adrenoceptors; ileum, guinea-pig, 309, 255
yohimbine, noradrenaline, oxymetazoline, phentolamine, alpha-adrenoceptors; synaptosomes, rats, 303, 193
yohimbine diastereoisomers, B-HT 933, alpha-adrenoceptors, vasoconstriction; pithed rats, 313, 17
yohimbine diastereoisomers, rauwolscine, corynanthine, alpha-adrenoceptors; rats, 315, 227
yohimbine stereoisomers, alpha-adrenoceptors, rauwolscine, corynanthine; pulmonary arteries, rabbit, 308, 127
yohimbine stereoisomers, clonidine, alpha-adrenoceptors, cholinergic transmission; ileum, guinea-pig, 309, 207

0

U-0521, catechol-O-methyltransferase, DOPA, parkinsons disease; striatum, rats, 320, 34

2

A 23187, prostaglandin, calcium, phospholipase; rabbit, 307, 243, spleen